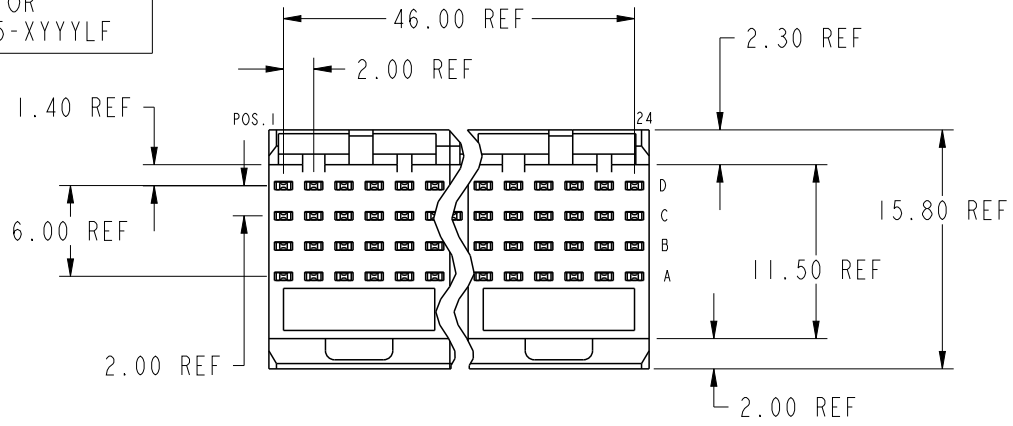
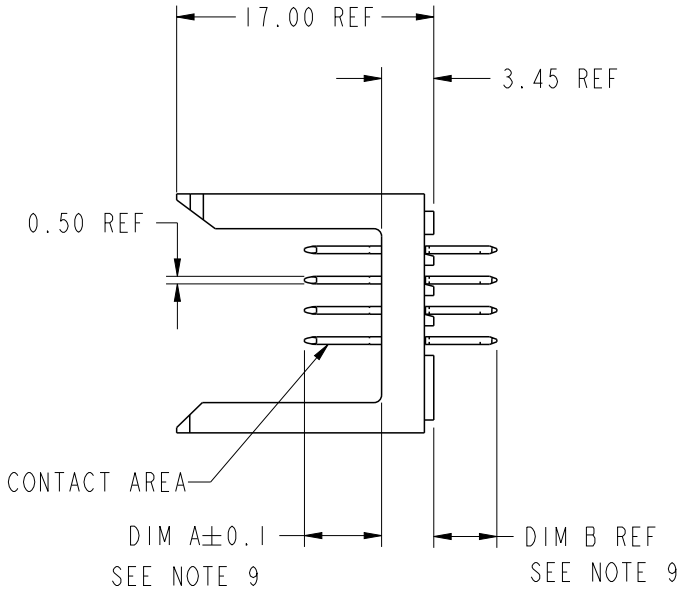
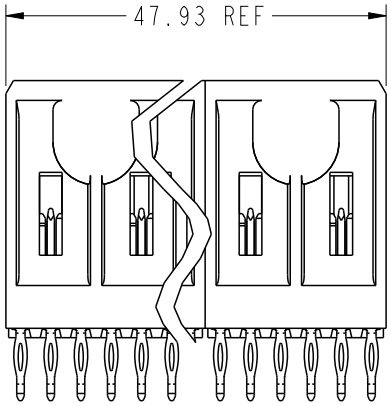
PRODUCT NUMBER
89075-XYY OR 89075-XYYY
89075-XYYLF OR 89075-XYYYLF







rev	ecn	drw	date
CB	V06-0573	DCH	2006-06-14
CC	DG07-0487	Cenh	12/05/07
CD	DG09-0256	TER	2009-08-19
CE	ELX-DG-010531-1	ANDY	2012-03-08
-	-	-	-
BY	V05-0603	TAB	07/06/05
CA	V05-1030	LP	11/21/05

spec ref	*		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		
ASME Y14.5			
surface	3.200	linear	0.X ±0.3
			0.XX ±0.13
			0.XXX ±0.051
ASME Y14.5		angular	0° ±2°

dr	Terran Huang	2010/07/08
eng	Andy Lu	2012/03/08
chr	Thian-Zhao Lin	2012/03/12
appr	Pei-Ming Zheng	2012/03/12

projection | mm | size A4 | scale 2:1

product family METRAL | ecn no ELX-DG-010531-1 | rel level **Released**

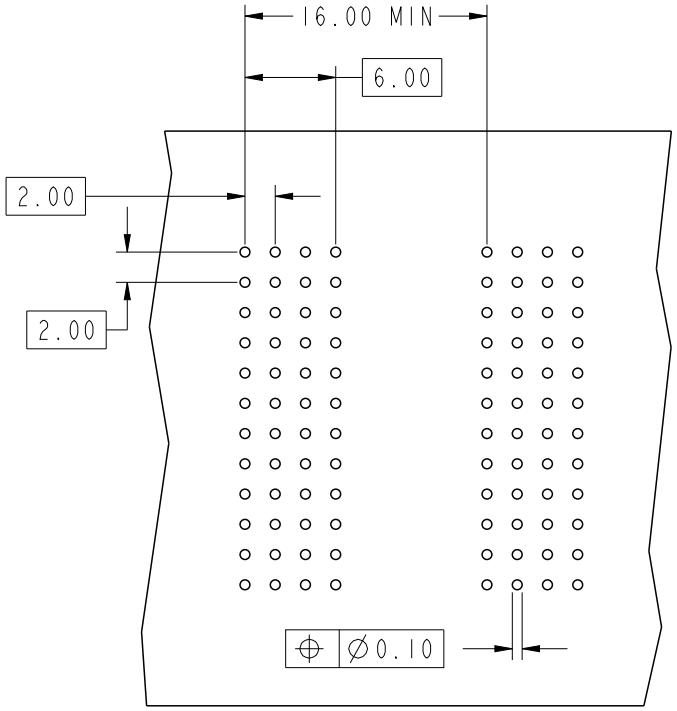
www.fci.com | cat. no. - | Product - Customer Drw | sheet 1 of 15

title: METRAL SIGNAL HEADER
4 MOD, 4 ROW PRESS-FIT

dwg no 89075 | rev **CE**

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Pro/E File - REV C - 2009-06-09



REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
13	8.25	4.30
14	8.25	13.60
19	8.00	4.30
22	5.00	12.10

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spec ref *				dr	Terran Huang	2010/07/08	projection
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Andy Lu	2012/03/12	mm
				chr	Thian-Zhao Lin	2012/03/12	size A4 / scale 2:1
				appr	Pei-Ming Zheng	2012/03/12	ecn no ELX-DG-010531-1
surface 3.200	linear	0.X	±0.3				product family METRAL / rel level Released
		0.XX	±0.13				
		0.XXX	±0.051				
ASME Y14.5	angular	0°	±2°				

FCI www.fci.com

title: METRAL SIGNAL HEADER
4 MOD, 4 ROW PRESS-FIT

dwg no 89075 | rev CE

cat. no. - | Product - Customer Drw | sheet 2 of 15

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X01	D	11	11	11	11	11	11	11	11	11	11	11	11	3	3	3	3	3	3	3	3	3	3	3	3
SEE NOTE 11 LEAD FREE OPTION	C	11	11	11	11	11	11	11	11	11	11	11	11	3	3	3	3	3	3	3	3	3	3	3	3
	B	11	11	11	11	11	11	11	11	11	11	11	11	3	3	3	3	3	3	3	3	3	3	3	3
	A	11	11	11	11	11	11	11	11	11	11	11	11	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X02	D	5	5	5	5	5	5	5	5	5	5	5	11	5	5	5	5	5	5	5	5	5	5	5	5
SEE NOTE 11 LEAD FREE OPTION	C	5	5	5	5	5	5	5	5	5	5	5	11	5	5	5	5	5	5	5	5	5	5	5	5
	B	5	5	5	5	5	5	5	5	5	5	5	11	5	5	5	5	5	5	5	5	5	5	5	5
	A	5	5	5	5	5	5	5	5	5	5	5	11	5	5	5	5	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X03	D	6	6	5	6	6	5	6	6	5	6	6	5	11	11	5	5	5	5	5	5	5	5	5	5
SEE NOTE 11 LEAD FREE OPTION	C	6	6	5	6	6	5	6	6	5	6	6	5	11	11	5	5	5	5	5	5	5	5	5	5
	B	6	6	5	6	6	5	6	6	5	6	6	5	11	11	5	5	5	5	5	5	5	5	5	5
	A	6	6	5	6	6	5	6	6	5	6	6	5	11	11	5	5	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X04	D	6	6	6	6	6	6	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	3	3
SEE NOTE 11 LEAD FREE OPTION	C	6	6	6	6	6	6	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	3	3
	B	6	6	6	6	6	6	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	3	3
	A	6	6	6	6	6	6	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X05	D	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X06	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X07	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
SEE NOTE 11 LEAD FREE OPTION	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
	A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X08	D	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	3
SEE NOTE 11 LEAD FREE OPTION	C	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	3
	B	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1	3
	A	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X09	D	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	
SEE NOTE 11 LEAD FREE OPTION	C	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	
	B	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	
	A	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X10	D	1	1	3	1	1	2	2	1	2	2	1	1	1	1	3	1	1	3	3	3	3	3	3	
SEE NOTE 11 LEAD FREE OPTION	C	1	1	3	1	1	2	2	1	2	1	2	1	1	1	3	1	1	3	3	3	3	3	3	
	B	1	1	3	1	1	2	2	1	2	2	2	1	1	1	3	1	1	3	3	3	3	3	3	
	A	1	1	3	1	1	2	2	1	2	2	2	1	1	1	3	1	1	3	3	3	3	3	3	

spec ref	*	dr	Terran Huang	2010/07/08	projection	mm	size A4 / scale 2:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Andy Lu	2012/03/12			ecn no ELX-DG-010531-1
		chr	Thian-Zhao Lin	2012/03/12			
		appr	Pei-Ming Zheng	2012/03/12	product family	METRAL	rel level Released

surface 3.2	linear	0.X	±0.3	FCI	title	METRAL SIGNAL HEADER	rev CE
		0.XX	±0.13			4 MOD, 4 ROW PRESS-FIT	dwg no 89075
ASME Y14.5	angular	0.XXX	±0.051				
		0°	±2°	www.fci.com	cat. no. -	Product - Customer Drw	sheet 3 of 15

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METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X11	D	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
SEE NOTE 11 LEAD FREE OPTION	C	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
	B	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
	A	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X12	D	3	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SEE NOTE 11 LEAD FREE OPTION	C	3	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	B	3	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	3	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X13	D	3	3	2	2	1	1	1	1	1	3	3	2	3	3	1	1	1	1	1	1	1	1	1	3
SEE NOTE 11 LEAD FREE OPTION	C	3	3	2	2	1	1	1	1	1	3	3	2	3	3	1	1	1	1	1	1	1	1	1	3
	B	3	3	2	2	1	1	1	1	1	3	3	2	3	3	1	1	1	1	1	1	1	1	1	3
	A	3	3	2	2	1	1	1	1	1	3	3	2	3	3	1	1	1	1	1	1	1	1	1	3

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X14	D	19	3	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	19	3	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	19	3	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	19	3	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X15	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	19	
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	19	
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	19	
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	19	

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X16	D	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	4	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X17	D	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8
SEE NOTE 11 LEAD FREE OPTION	C	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8
	B	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8
	A	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X18	D	4	3	4	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3
SEE NOTE 11 LEAD FREE OPTION	C	4	3	4	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3
	B	4	3	4	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3
	A	4	3	4	1	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X19	D	4	3	4	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4
SEE NOTE 11 LEAD FREE OPTION	C	4	3	4	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4
	B	4	3	4	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4
	A	4	3	4	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X20	D	4	3	4	2	2	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3
SEE NOTE 11 LEAD FREE OPTION	C	4	3	4	2	2	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3
	B	4	3	4	2	2	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3
	A	4	3	4	1	4	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3

spec ref	*		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		
ASME Y14.5			
surface	3.2	linear	0.X ±0.3
			0.XX ±0.13
			0.XXX ±0.051
ASME Y14.5		angular	0° ±2°

dr	Terran Huang	2010/07/08
eng	Andy Lu	2012/03/08
chr	Thian-Zhao Lin	2012/03/12
appr	Pei-Ming Zheng	2012/03/12

projection | mm | size A4 | scale 2:1

product family: METRAL | ecn no: ELX-DG-010531-1 | rel level: Released

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title: METRAL SIGNAL HEADER
4 MOD, 4 ROW PRESS-FIT

dwg no: 89075 | rev: CE

cat. no. - | Product - Customer Drw | sheet 4 of 15

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PDS: Rev :CE STATUS:Released Printed: Mar 12, 2012

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X21	D	3	3	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3
SEE NOTE 11 LEAD FREE OPTION	C	3	3	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3
	B	3	3	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3
	A	3	3	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X22	D	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4
	B	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4
	A	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X23	D	1	1	1	3	3	3	3	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	1	1	1	3	3	3	3	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
	B	1	1	1	3	3	3	3	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
	A	1	1	1	3	3	3	3	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X24	D	2	2	3	2	3	2	3	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	3	2	3	2	3	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2
	B	2	2	3	2	3	2	3	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2
	A	2	2	3	2	3	2	3	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X25	D	2	2	2	1	1	3	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	3	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	1	1	3	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	3	2	2
	B	2	2	2	1	1	3	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	3	2	2
	A	2	2	2	1	1	3	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	3	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X26	D	2	2	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X27	D	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2
	B	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2
	A	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X28	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X29	D	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	1	2	2	2	2	3	3	2	3
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	1	2	2	2	2	3	3	2	3
	B	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	1	2	2	2	2	3	3	2	3
	A	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	1	2	2	2	2	3	3	2	3

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X30	D	3	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	3	3	3	3	3
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	3	3	3	3	3
	B	3	3	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	3	3	3	3	3
	A	3	3	3	3	3	-	3	4	4	4	4	4	3	4	3	3	3	3	-	3	3	3	3	3

spec ref	*		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		
ASME Y14.5			
surface	3.200	linear	0.X ±0.3
			0.XX ±0.13
			0.XXX ±0.051
ASME Y14.5		angular	0° ±2°

dr	Terran Huang	2010/07/08
eng	Andy Lu	2012/03/08
chr	Thian-Zhao Lin	2012/03/12
appr	Pei-Ming Zheng	2012/03/12

projection | mm | size A4 | scale 2:1

product family METRAL | ecn no ELX-DG-010531-1 | rel level Released

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title METRAL SIGNAL HEADER
4 MOD, 4 ROW PRESS-FIT

dwg no 89075 | rev CE

cat. no. - | Product - Customer Drw | sheet 5 of 15

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METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X31	D	4	3	4	2	2	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
SEE NOTE 11 LEAD FREE OPTION	C	4	3	4	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	B	4	3	4	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	A	4	3	4	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X32	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X33	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X34	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2		2	2	2	2	1	
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X35	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X36	D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5
SEE NOTE 11 LEAD FREE OPTION	C	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X37	D	6	6	6	6	6	6	6	6	6	6	-	-	3	-	-	2	-	6	6	6	6	6	6	7
SEE NOTE 11 LEAD FREE OPTION	C	6	6	6	6	6	6	6	6	6	6	-	-	3	-	-	2	-	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6	-	-	3	-	-	2	-	6	6	6	6	6	6	6
	A	5	6	6	6	6	6	6	6	6	6	-	-	3	-	-	2	-	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X38	D	4	4	4	4	4	4	2	2	4	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3
SEE NOTE 11 LEAD FREE OPTION	C	4	4	4	4	4	4	2	2	4	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3
	B	4	4	4	4	4	4	2	2	4	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3
	A	4	4	4	4	4	4	2	2	4	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X39	D	8	7	7	7	7	8	2	2	2	3	3	3	3	2	2	3	2	4	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	8	7	7	7	7	8	2	2	2	3	3	3	3	2	2	3	2	4	2	2	2	2	2	2
	B	8	7	7	7	7	8	2	2	2	3	3	3	3	2	2	3	2	4	2	2	2	2	2	2
	A	8	7	7	7	7	8	2	2	2	3	3	3	3	2	2	3	2	4	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X40	D	7	7	6	6	6	6	2	2	2	2	2	2	4	3	4	2	2	3	3	3	3	3	3	3
SEE NOTE 11 LEAD FREE OPTION	C	7	7	6	6	6	6	2	2	2	2	2	2	4	3	4	2	2	3	3	3	3	3	3	3
	B	7	7	6	6	6	6	2	2	2	2	2	2	4	3	4	2	2	3	3	3	3	3	3	3
	A	7	7	6	6	6	6	2	2	2	2	2	2	4	3	4	2	2	3	3	3	3	3	3	3

spec ref	*		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		
ASME Y14.5			
surface	3.200	linear	0.X ±0.3
			0.XX ±0.13
			0.XXX ±0.051
ASME Y14.5		angular	0° ±2°

dr	Terran Huang	2010/07/08
eng	Andy Lu	2012/03/08
chr	Thian-Zhao Lin	2012/03/12
appr	Pei-Ming Zheng	2012/03/12

projection | mm | size A4 | scale 2:1

ecn no ELX-DG-010531-1

product family METRAL | rel level **Released**

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title METRAL SIGNAL HEADER
4 MOD, 4 ROW PRESS-FIT

dwg no 89075 | rev **CE**

cat. no. - | Product - Customer Drw | sheet 6 of 15

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METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X41	D	2	2	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3
SEE NOTE 11 LEAD FREE OPTION	C	2	2	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3
	B	2	2	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3
	A	2	2	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X42	D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	8	3	2	3	2	4	4
SEE NOTE 11 LEAD FREE OPTION	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	8	3	2	3	2	4	4
	B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	8	3	2	3	2	4	4
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	8	3	2	3	2	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X43	D	3	3	3	3	3	4	2	2	3	3	3	3	3	3	3	2	2	2	2	4	3	3	4	4
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	4	2	2	3	3	3	3	3	3	3	2	2	2	2	4	3	3	4	4
	B	3	3	3	3	3	4	2	2	3	3	3	3	3	3	3	2	2	2	2	4	3	3	4	4
	A	3	3	3	3	3	4	2	2	3	3	3	3	3	3	3	2	2	2	2	4	3	3	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X44	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X45	D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8
SEE NOTE 11 LEAD FREE OPTION	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8
	B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X46	D	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X47	D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
SEE NOTE 11 LEAD FREE OPTION	C	6	14	6	14	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X48	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	13	2	13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X49	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X50	D																								
SEE NOTE 11 LEAD FREE OPTION	C																								
	B							UNASSIGNED																	
	A																								

spec ref	*	dr	Terran Huang	2010/07/08	projection	mm	size A4 / scale 2:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Andy Lu	2012/03/08			
		chr	Thian-Zhao Lin	2012/03/12			ecn no ELX-DG-010531-1
		appr	Pei-Ming Zheng	2012/03/12	product family METRAL		rel level Released
surface 3.200	linear	0.X	±0.3		FCI	title METRAL SIGNAL HEADER 4 MOD, 4 ROW PRESS-FIT	dwg no 89075 / rev CE
		0.XX	±0.13				
		0.XXX	±0.051				
ASME Y14.5	angular	0°	±2°		www.fci.com	cat. no. -	Product - Customer Drw / sheet 7 of 15

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METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X51	D	3	3	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	B	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X52	D	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	7	7	7	7
SEE NOTE 11 LEAD FREE OPTION	C	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	7	7	7	7
	B	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	7	7	7	7
	A	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	7	22	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X53	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3
SEE NOTE 11 LEAD FREE OPTION	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3
	A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X54	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	3	3
SEE NOTE 11 LEAD FREE OPTION	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3
	A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X55	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	1	1
SEE NOTE 11 LEAD FREE OPTION	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19
	A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X56	D	1	19	1	19	1	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SEE NOTE 11 LEAD FREE OPTION	C	19	1	19	1	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	B	1	19	1	19	1	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	19	1	19	1	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X57	D	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X58	D	19	19	1	1	1	3	1	1	1	1	1	3	1	1	1	1	3	1	1	3	1	1	19	19
SEE NOTE 11 LEAD FREE OPTION	C	19	19	1	1	1	3	1	1	1	1	1	3	1	1	1	1	3	1	1	3	1	1	19	19
	B	19	19	1	1	1	3	1	1	1	1	1	3	1	1	1	1	3	1	1	3	1	1	19	19
	A	19	19	1	1	1	3	1	1	1	1	1	3	1	1	1	1	3	1	1	3	1	1	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X59	D	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	1	
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	1	2	2	3	2
	B	3	3	3	3	3	3	3	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3
	A	3	3	3	3	3	3	3	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X60	D	2	2	2	3	3	3	3	2	2	3	2	4	2	2	2	2	2	2	2	2	3	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	3	3	3	3	2	2	3	2	4	2	2	2	2	2	2	2	2	3	2	2	2
	B	2	2	2	3	3	3	3	2	2	3	2	4	2	2	2	2	2	2	2	2	3	2	2	2
	A	2	2	2	3	3	3	3	2	2	3	2	4	2	2	2	2	2	2	2	1	3	2	2	2

spec ref	*	dr	Terran Huang 2010/07/08
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Andy Lu 2012/03/08
ASME Y14.5		chr	Thian-Zhao Lin 2012/03/12
		appr	Pei-Ming Zheng 2012/03/12
projection		mm	size A4 / scale 2:1
product family	METRAL	ecn no	ELX-DG-010531-1
		rel level	Released

surface 3.2	linear	0.X ±0.3
		0.XX ±0.13
		0.XXX ±0.051
ASME Y14.5	angular	0° ±2°

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title: METRAL SIGNAL HEADER
4 MOD, 4 ROW PRESS-FIT

dwg no 89075 rev CE

cat. no. - Product - Customer Drw sheet 8 of 15

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METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X61	D	2	1	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3
SEE NOTE 11 LEAD FREE OPTION	C	2	2	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3
	B	2	2	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3
	A	2	2	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X62	D	2	2	2	2	2	2	4	3	4	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	4	3	4	2	2	3	3	3	3	3	3	3	3	2	2	1	2	2
	B	2	2	2	2	2	2	4	3	4	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2
	A	2	2	2	2	2	2	4	3	4	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X63	D	3	3	3	3	3	4	2	2	3	3	3	3	3	3	2	3	2		2	4	3	3	4	4
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	4	2	2	3	3	3	3	3	3	2	3	2		2	4	3	3	4	4
	B	3	3	3	3	3	4	2	2	3	3	3	3	3	3	2	3	2		2	4	3	3	4	4
	A	3	3	3	3	3	4	2	2	3	3	3	3	3	3	2	3	2		2	4	3	3	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X64	D	3	3	2	2	2	2	2	2	2	2	2	2	4	3	4	2	2	3	3	3	3	3	3	3
SEE NOTE 11 LEAD FREE OPTION	C	3	3	2	2	2	2	2	2	2	2	2	2	4	3	4	2	2	3	3	3	3	3	3	3
	B	3	3	2	2	2	2	2	2	2	2	2	2	4	3	4	2	2	3	3	3	3	3	3	3
	A	3	3	2	2	2	2	2	2	2	2	2	2	4	3	4	2	2	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X65	D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	7	7
SEE NOTE 11 LEAD FREE OPTION	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	7	7
	B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	7	7
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X66	D	2	2	2	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3
	B	2	2	2	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3
	A	2	2	2	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X67	D	2	2	2	2	2	2	1	2	1	2	3	2	3	2	1	3	2	2	3	3	2	3	3	3
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	1	2	1	2	3	3	3	2	1	3	2	2	3	3	2	3	3	3
	B	2	2	2	2	2	2	1	2	1	2	3	3	3	2	1	3	2	2	3	3	2	3	3	3
	A	2	2	2	2	2	2	1	2	1	2	2	2	3	2	1	3	2	2	3	3	2	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X68	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	1	1	3
SEE NOTE 11 LEAD FREE OPTION	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	1	1	3
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X69	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	4	3	3	3
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	4	3	3	3
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X70	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4

spec ref	*	dr	Terran Huang	2010/07/08	projection	mm	size A4 / scale 2:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Andy Lu	2012/03/08			
		chr	Thian-Zhao Lin	2012/03/12			ecn no ELX-DG-010531-1
		appr	Pei-Ming Zheng	2012/03/12	product family METRAL		rel level Released

surface	linear		
3.2/00	0.X	±0.3	
	0.XX	±0.13	
	0.XXX	±0.051	
ASME Y14.5	angular	0°	±2°

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title: METRAL SIGNAL HEADER
4 MOD, 4 ROW PRESS-FIT

dwg no 89075 | rev CE

cat. no. - | Product - Customer Drw | sheet 9 of 15

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Pro/E File - REV C - 2009-06-09

PDS: Rev :CE STATUS:Released Printed: Mar 12, 2012

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X71	D	8	7	7	7	7	7	7	7	7	7	7	7	7	8	6	8	7	7	2	2	1	2	3	2
SEE NOTE 11 LEAD FREE OPTION	C	8	7	7	7	7	7	7	7	7	7	7	7	7	8	6	8	7	7	2	2	2	2	3	2
	B	8	7	7	7	7	7	7	7	7	7	7	7	7	8	6	8	7	7	2	2	2	2	3	2
	A	8	7	7	7	7	7	7	7	7	7	7	7	7	8	6	8	7	7	2	2	2	2	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X72	D	8	7	7	7	7	7	7	7	7	7	7	7	7	8	7	8	7	7	3	3	2	3	3	3
SEE NOTE 11 LEAD FREE OPTION	C	8	7	7	7	7	7	7	7	7	7	7	7	7	8	7	8	7	7	3	3	2	3	3	3
	B	8	7	7	7	7	7	7	7	7	7	7	7	7	8	7	8	7	7	3	3	2	3	3	3
	A	8	7	7	7	7	7	7	7	7	7	7	7	7	8	7	8	7	7	3	3	2	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X73	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	2	2	3	3
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X74	D	2	2	2	2	2	2	2	2	2	2	2	2	6	6	6	6	6	6	6	6	6	6	6	6
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	6	6	6	6	6	6	6	6	6	6	6	6
	B	2	2	2	2	2	2	2	2	2	2	2	2	6	6	6	6	6	6	6	6	6	6	6	6
	A	2	2	2	2	2	2	2	2	2	2	2	2	6	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X75	D	2	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4
	B	2	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4
	A	2	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X76	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	B	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X77	D	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1
SEE NOTE 11 LEAD FREE OPTION	C	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1
	B	2	2	2	2	2	2	2	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	2	2	2	2	2	2	2	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X78	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	4	
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X79	D	3	3	3	3	3	4	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	2	3	3	1	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	2	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	1	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X80	D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	7	7
SEE NOTE 11 LEAD FREE OPTION	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	7	7
	B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	7	7
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	7	7

spec ref	*		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		
ASME Y14.5			
surface	3.200	linear	0.X ±0.3
			0.XX ±0.13
			0.XXX ±0.051
ASME Y14.5		angular	0° ±2°

dr	Terran Huang	2010/07/08
eng	Andy Lu	2012/03/08
chr	Thian-Zhao Lin	2012/03/12
appr	Pei-Ming Zheng	2012/03/12

projection | mm | size A4 | scale 2:1

product family METRAL | ecn no ELX-DG-010531-1 | rel level Released

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title METRAL SIGNAL HEADER
4 MOD, 4 ROW PRESS-FIT

dwg no 89075 | rev CE

cat. no. - | Product - Customer Drw | sheet 10 of 15

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Pro/E File - REV C - 2009-06-09

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X81	D	3	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	3
SEE NOTE 11 LEAD FREE OPTION	C	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
	B	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
	A	3	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X82	D	2	2	2	2	2	2	3	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	3	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3
	B	2	2	2	2	2	2	3	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3
	A	2	2	2	2	2	2	3	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X83	D	4	2	4	3	3	3	3	3	3	3	3	3	4	4	3	3	4	4	4	4	4	4	4	4
SEE NOTE 11 LEAD FREE OPTION	C	2	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	4	3	4	3	4	4
	B	3	3	3	3	3	3	3	3	3	3	3	3	2	4	3	3	4	4	4	4	3	4	3	4
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X84	D	12	10	12	11	11	11	11	11	11	11	11	11	12	12	11	11	12	12	12	12	12	12	12	12
SEE NOTE 11 LEAD FREE OPTION	C	10	12	11	11	11	11	11	11	11	11	11	11	11	11	12	12	11	11	12	11	12	11	12	12
	B	11	11	11	11	11	11	11	11	11	11	11	11	10	12	11	11	12	12	12	12	11	12	11	12
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	11	11	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X85	D	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X86	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X87	D	6	6	6	6	6	6	6	6	6	-	-	4	-	-	2	-	6	6	6	6	6	6	7	
SEE NOTE 11 LEAD FREE OPTION	C	6	6	6	6	6	6	6	6	6	-	-	4	-	-	2	-	6	6	6	6	6	6	6	
	B	6	6	6	6	6	6	6	6	6	-	-	4	-	-	2	-	8	8	6	6	6	6	6	
	A	5	6	6	6	6	6	6	6	6	-	-	4	-	-	2	-	6	6	6	6	6	6	6	

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X88	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X89	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
	B	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X90	D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
SEE NOTE 11 LEAD FREE OPTION	C	6	6	6	6	6	6	6	6	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

spec ref	*		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		
ASME Y14.5			
surface	3.200	linear	0.X ±0.3
			0.XX ±0.13
			0.XXX ±0.051
ASME Y14.5		angular	0° ±2°

dr	Terran Huang	2010/07/08
eng	Andy Lu	2012/03/08
chr	Thian-Zhao Lin	2012/03/12
appr	Pei-Ming Zheng	2012/03/12

projection | mm | size A4 | scale 2:1

ecn no ELX-DG-010531-1

product family METRAL | rel level **Released**

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title: METRAL SIGNAL HEADER
4 MOD, 4 ROW PRESS-FIT

dwg no 89075 | rev **CE**

cat. no. - | Product - Customer Drw | sheet 11 of 15

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PDS: Rev :CE STATUS:Released Printed: Mar 12, 2012

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X91	D	2	3	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1
SEE NOTE 11 LEAD FREE OPTION	C	2	3	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1
	B	2	3	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1
	A	2	3	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X92	D	2	2	2	2	4	2	2	4	2	2	4	2	2	4	2	2	4	2	2	2	2	4	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	4	2	2	4	2	2	4	2	2	4	2	2	4	2	2	4	2	2	4	2	2	4	4
	B	2	4	2	2	4	2	2	4	2	2	4	2	2	4	2	2	4	2	2	4	2	2	4	2
	A	2	4	2	2	4	2	2	4	2	2	4	2	2	4	2	2	4	2	2	4	4	2	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X93	D	4	4	4	2	2	4	4	4	4	2	2	4	2	2	4	2	2	2	2	2	2	2	2	4
SEE NOTE 11 LEAD FREE OPTION	C	2	2	4	4	4	4	2	2	4	2	2	4	2	2	4	2	2	2	2	2	4	2	2	4
	B	4	4	4	2	2	4	4	4	4	2	2	4	2	2	4	2	2	2	2	2	4	2	2	4
	A	2	2	2	4	4	4	2	2	4	2	2	4	2	2	4	2	2	2	2	2	4	2	2	4

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X94	D	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2
	A	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X95	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X96	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X97	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1
SEE NOTE 11 LEAD FREE OPTION	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1
	A	1	1	1	1	1	1	1	2	2	2	2	2	1	2	1	1	1	1	-	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X98	D	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
SEE NOTE 11 LEAD FREE OPTION	C	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	B	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	A	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X99	D	4	2	4	3	4	2	4	2	4	2	4	2	4	4	3	3	4	4	4	4	4	4	4	4
SEE NOTE 11 LEAD FREE OPTION	C	2	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	4	3	4	3	4	4
	B	3	3	3	3	3	3	3	3	3	3	3	3	2	4	3	3	4	4	4	4	3	4	3	4
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X100	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	19	1	2	2	2	2	2	2	1

spec ref	*	dr	Terran Huang	2010/07/08	projection	mm	size A4 / scale 2:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Andy Lu	2012/03/08			
		chr	Thian-Zhao Lin	2012/03/12			ecn no ELX-DG-010531-1
		appr	Pei-Ming Zheng	2012/03/12	product family	METRAL	rel level Released

surface	linear		
3.2	0.X	±0.3	
	0.XX	±0.13	
	0.XXX	±0.051	
ASME Y14.5	angular	0°	±2°

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title: METRAL SIGNAL HEADER
4 MOD, 4 ROW PRESS-FIT

dwg no 89075 | rev CE

cat. no. - | Product - Customer Drw | sheet 12 of 15

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METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X101	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	4	4
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	4	4
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	4	4
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X102	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X103	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2	2	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X104	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	19	1	2	2	2	2	1	2	2	2	2	1	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	19	1	2	2	2	2	2	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X105	D	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1
SEE NOTE 11 LEAD FREE OPTION	C	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1
	B	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1
	A	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X106	D	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SEE NOTE 11 LEAD FREE OPTION	C	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	B	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X107	D	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	
SEE NOTE 11 LEAD FREE OPTION	C	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	
	B	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	
	A	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X108	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X109	D	3	3	2	2	2	2	2	2	2	2	3	3	4	3	4	2	2	3	3	3	3	3	3	3
SEE NOTE 11 LEAD FREE OPTION	C	3	3	2	2	2	2	2	2	2	2	3	3	4	3	4	2	2	3	3	3	3	3	3	3
	B	3	3	2	2	2	2	2	2	2	2	3	3	4	3	4	2	2	3	3	3	3	3	3	3
	A	3	3	2	2	2	2	2	2	2	2	3	3	4	3	4	2	2	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X110	D	7	5	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	8	7	7
SEE NOTE 11 LEAD FREE OPTION	C	7	7	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	8	7	7
	B	7	7	7	7	7	7	7	7	7	7	7	7	8	7	7	7	7	7	7	7	7	8	7	7
	A	7	7	7	7	7	7	7	7	7	7	7	7	8	7	7	7	7	7	7	7	7	8	7	7

spec ref	*	dr	Terran Huang	2010/07/08	projection	mm	size A4 / scale 2:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Andy Lu	2012/03/12			ecn no ELX-DG-010531-1
		chr	Thian-Zhao Lin	2012/03/12			
		appr	Pei-Ming Zheng	2012/03/12	product family	METRAL	rel level Released

surface 3.200	linear	0.X	±0.3
		0.XX	±0.13
		0.XXX	±0.051
ASME Y14.5	angular	0°	±2°

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title: METRAL SIGNAL HEADER
4 MOD, 4 ROW PRESS-FIT

dwg no 89075 | rev CE

cat. no. - | Product - Customer Drw | sheet 13 of 15

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Pro/E File - REV C - 2009-06-09

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X111 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	1	3	1	3	1	3	3	3	3	3	1	1	1	1	1	1	1	3	1	3	1
	C	3	3	3	1	3	1	3	1	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	3
	B	3	3	3	1	3	1	3	1	3	3	3	3	3	1	1	1	1	1	1	1	3	3	3	3
	A	3	3	3	1	3	1	3	1	3	3	3	3	3	3	1	1	1	1	1	1	3	1	3	1

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
89075-X112 SEE NOTE 11 LEAD FREE OPTION	D	3	-	3	-	3	-	3	-	3	3	-	3	-	3	-	3	-	3	-	-	3	-	3	-
	C	3	-	3	-	3	-	3	-	3	3	-	3	-	3	-	3	-	3	-	-	3	-	3	-
	B	3	-	3	-	3	-	3	-	3	3	-	3	-	3	-	3	-	3	-	-	3	-	3	-
	A	3	-	3	-	3	-	3	-	3	1	-	3	-	3	-	3	-	3	-	-	3	-	3	-

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spec ref *			dr	Terran Huang	2010/07/08	projection	mm
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Andy Lu	2012/03/08		
			chr	Thian-Zhao Lin	2012/03/12		
			appr	Pei-Ming Zheng	2012/03/12	product family	METRAL
surface 3.200	linear	0.X ±0.3	FCI	title	METRAL SIGNAL HEADER	dwg no	89075
		0.XX ±0.13			4 MOD, 4 ROW PRESS-FIT		
		0.XXX ±0.051					
ASME Y14.5	angular	0° ±2°	www.fci.com	cat. no. -		Product - Customer Drw	sheet 14 of 15

size	scale	rev
A4	2:1	CE

ecn no ELX-DG-010531-1

rel level Released

PRODUCT NUMBER
89075-XYY OR 89075-XYYY
89075-XYYLF OR 89075-XYYYLF

NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL

   POLYMER 30 % GLASS.

   FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL:
   PHOSPHOR BRONZE.
4. PLATING ON PRESS-FIT TAIL:
   89075-XYY IS SnPb
   89075-XYYLF IS SN (LEAD FREE)
   PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.
5. PRODUCT MARKING:
   PART NUMBER DESIGNATION & BATCH I.D.
6. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER.
   EXAMPLE: XXXXX-XXXP OR XXXXX-XXXXP,
   XXXXX-XXXPLF OR XXXXX-XXXXPLF
7. PRODUCT SPECIFICATION GS-12-180
   APPLICATION SPECIFICATION BUS-20-073
8. -A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE).
9. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
10. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

    ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO.)-NI--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-NI--- AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMIM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.
11. FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
    EXAMPLE:89075-X01LF

PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-AYY OR -AYYY	TELCORDIA CO	SEE NOTE 8
-NIYY OR -NIYYY	TELCORDIA CO (NXT)	-
-IYY OR -IYYY	TELCORDIA CO	-
-2YY OR -2YYY	TELECOM CLASS	-
-3YY OR -3YYY	IEC CLASS I	-
-N5YY OR -N5YYY	TELCORDIA UE (NXT)	-
-5YY OR -5YYY	TELCORDIA UE	-
-AYYLF OR -AYYYLF	TELCORDIA CO	SEE NOTE 10
-NIYYLF OR -NIYYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 10
-IYYLF OR -IYYYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 10
-2YYLF OR -2YYYLF	TELECOM CLASS	SEE NOTE 10
-N5YYLF OR -N5YYYLF	TELCORDIA UE (NXT)	SEE NOTE 10
-5YYLF OR -5YYYLF	TELCORDIA UE	SEE NOTE 10

spec ref	*			dr	Terran Huang	2010/07/08	projection
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Andy Lu	2012/03/08	mm
ASME Y14.5				chr	Thian-Zhao Lin	2012/03/12	size A4 / scale 2:1
				appr	Pei-Ming Zheng	2012/03/12	ecn no ELX-DG-010531-1
surface 3.200	linear	0.X	±0.3				product family METRAL / rel level Released
		0.XX	±0.13				
		0.XXX	±0.051				
ASME Y14.5	angular	0°	±2°				

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title: METRAL SIGNAL HEADER
4 MOD, 4 ROW PRESS-FIT

dwg no 89075 rev CE

cat. no. - Product - Customer Drw sheet 15 of 15

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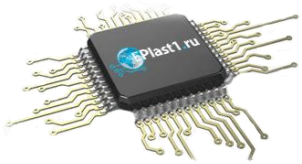
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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