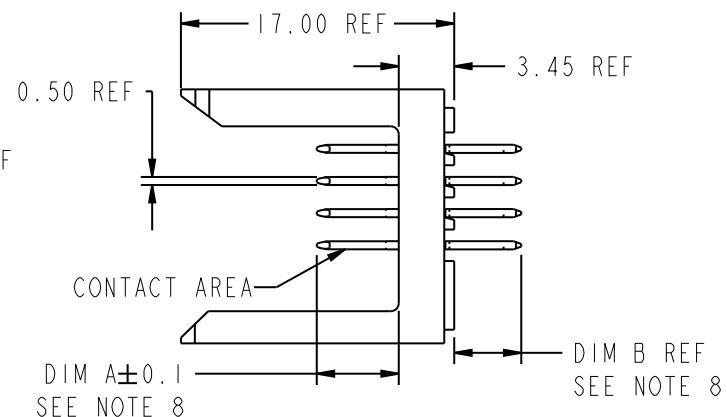
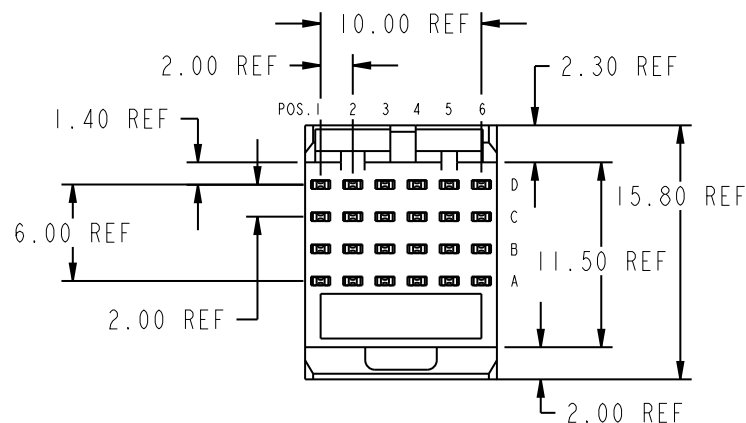


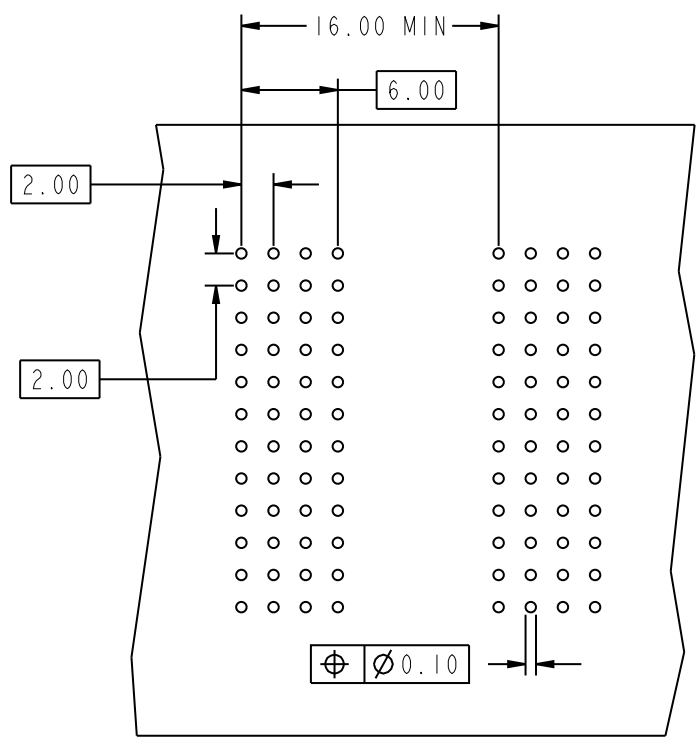
PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-Ayy	TELCORDIA CO	SEE NOTE 9
-N1yy	TELCORDIA CO (NXT)	-
-N5yy	TELCORDIA UE (NXT)	-
-1yy	TELCORDIA CO	-
-2yy	TELECOM CLASS	-
-3yy	IEC CLASS I	-
-5yy	TELCORDIA UE	-
-AyyLF	TELCORDIA CO	SEE NOTE 10
-N1yyLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 10
-N5yyLF	TELCORDIA UE (NXT)	SEE NOTE 10
-1yyLF	TELCORDIA CO IEC CLASS I	SEE NOTE 10
-2yyLF	TELECOM CLASS	SEE NOTE 10
-5yyLF	TELCORDIA UE	SEE NOTE 10

rev	ecn no	dr	date
BR	V06-0498	DCH	2006-05-31
BS	D608-0246	CENH	2008-9-12
BT	D608-0188	TER	2008-11-25
BU	D608-0346	CENH	2008-12-12
BV	D609-0256	TER	2009-08-19
BW	D609-0366	TER	2009-11-24
BX	D611-0020	TER	2011-01-13

www.fciconnect.com			surface3.200 ISO 1302		tolerance std ISO 406 ISO 1101		projection 			
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	T.BRUNGARD	01/24/00	ANGULAR	LINEAR	0.X	±0.3	size	A4	Scale	53:50
Eng	M.STRAWSER	01/24/00			0.XX	±0.13				
Chr	M.STRAWSER	01/24/00			0.XXX	±.051	ECN	*		
Appr	M.STRAWSER	02/29/00	Product family			METRAL		Spec ref		
			title METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT catalog no			dwg no 70218 CUSTOMER			Rev Bx sheet 1 of 7	



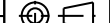
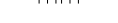
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KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
9	5.00	17.00
11	6.50	17.00
12	7.25	17.00
13	8.25	4.30
14	8.25	13.60
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00

REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

www.fciconnect.com			surface3.200 ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	T.BRUNGARD	01/24/00	ANGULAR	LINEAR	0.X ±0.3		size A4	Scale 213:100		
Eng	M.STRAWSER	01/24/00			0.XX ±0.13					
Chr	M.STRAWSER	01/24/00			0.XXX ±.051					
Appr	M.STRAWSER	02/29/00	0° ±2°	Product family			METRAL	ECN		*
						Spec ref		*		
			title				dwg no		Rev.	
			METRAL SIGNAL HEADER				70218		BX	
			I MOD, 4 ROW PRESS-FIT							
catalog no						CUSTOMER		sheet 2 of 7		



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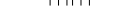
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X01 SEE NOTE 11 LEAD FREE OPTION	D	19	19	-	3	-	1
	C	19	19	-	3	-	-
	B	19	19	-	3	-	1
	A	19	19	-	3	-	1
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X02 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	3
	C	2	2	2	2	2	3
	B	2	2	2	2	2	3
	A	2	2	2	2	2	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X03 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	3	3	4	4	3	3
	A	3	3	3	3	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X04 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	3	3	4	4	3	3
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X05 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	3	3	4	4	3	3
	B	4	3	3	3	3	3
	A	4	3	3	3	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X06 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	4	3	4	4	3	3
	A	4	3	3	3	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X07 SEE NOTE 11 LEAD FREE OPTION	D	19	3	3	3	2	1
	C	19	3	3	3	2	1
	B	19	3	3	3	2	1
	A	19	3	3	3	2	1
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X08 SEE NOTE 11 LEAD FREE OPTION	D	19	3	3	3	3	3
	C	19	3	3	3	3	3
	B	19	3	3	3	3	3
	A	19	3	3	3	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X09 SEE NOTE 11 LEAD FREE OPTION	D	3	3	19	4	3	3
	C	3	3	19	4	3	3
	B	3	3	19	4	3	3
	A	3	3	19	4	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X10 SEE NOTE 11 LEAD FREE OPTION	D	19	19	-	3	-	1
	C	19	19	-	3	-	1
	B	19	19	-	3	-	1
	A	19	19	-	3	-	1
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X11 SEE NOTE 11 LEAD FREE OPTION	D	1	-	-	-	1	-
	C	1	-	-	-	1	-
	B	1	-	-	-	1	-
	A	1	-	-	-	1	-
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X12 SEE NOTE 11 LEAD FREE OPTION	D	13	13	13	13	-	-
	C	13	13	13	-	-	-
	B	13	13	13	-	-	13
	A	13	13	13	-	-	13
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X13 SEE NOTE 11 LEAD FREE OPTION	D	14	14	14	14	-	-
	C	14	14	14	-	-	-
	B	14	14	14	-	-	14
	A	14	14	14	-	-	14
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X14 SEE NOTE 11 LEAD FREE OPTION	D	19	19	19	19	-	-
	C	19	19	19	-	-	-
	B	19	19	19	-	-	19
	A	19	19	19	-	-	19
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X15 SEE NOTE 11 LEAD FREE OPTION	D	20	20	20	20	-	-
	C	20	20	20	-	-	-
	B	20	20	20	-	-	20
	A	20	20	20	-	-	20
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X16 SEE NOTE 11 LEAD FREE OPTION	D	2	-	-	-	2	-
	C	2	-	-	-	2	-
	B	2	-	-	-	2	-
	A	2	-	-	-	2	-
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X17 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	3	3	3
	C	13	13	13	13	13	13
	B	13	13	13	13	13	13
	A	13	13	13	13	13	13
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X18 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	1	2	2	2
	A	2	2	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X19 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	3	3	1	3	3	3
	A	3	3	3	3	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X20 SEE NOTE 11 LEAD FREE OPTION	D	4	4	19	19	19	19
	C	4	4	19	19	19	19
	B	4	4	19	19	19	19
	A	4	4	19	19	19	19
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X21 SEE NOTE 11 LEAD FREE OPTION	D	1	4	4	4	4	19
	C	1	4	4	4	4	19
	B	3	4	4	4	4	19
	A	3	4	4	4	4	19
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X22 SEE NOTE 11 LEAD FREE OPTION	D	4	4	4	4	2	2
	C	4	4	4	4	2	2
	B	4	4	4	4	2	2
	A	4	4	4	4	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X23 SEE NOTE 11 LEAD FREE OPTION	D	2	2	4	4	4	4
	C	2	2	4	4	4	4
	B	2	2	4	4	4	4
	A	2	2	4	4	4	4
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X24 SEE NOTE 11 LEAD FREE OPTION	D	1	1	2	2	1	1
	C	1	1	2	1	1	1
	B	1	1	2	1	1	1
	A	1	1	2	1	1	1
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X25 SEE NOTE 11 LEAD FREE OPTION	D	2	-	2	2	-	-
	C	2	-	-	-	-	-
	B	-	-	-	-	2	-
	A	2	2	-	-	2	-
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X26 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	1
	A	2	2	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X27 SEE NOTE 11 LEAD FREE OPTION	D	12	12	21	21	21	21
	C	12	12	21	21	21	21
	B	12	12	21	21	21	21
	A	12	12	21	21	21	21
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X28 SEE NOTE 11 LEAD FREE OPTION	D	9	12	12	12	12	21
	C	9	12	12	12	12	21
	B	11	12	12	12	12	21
	A	11	12	12	12	12	21
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X29 SEE NOTE 11 LEAD FREE OPTION	D	1	2	2	2	2	1
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	2	2	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X30 SEE NOTE 11 LEAD FREE OPTION	D	-	-	-	-	-	-
	C	1	1	1	1	1	3
	B	1	1	1	1	1	3
	A	1	1	1	1	1	3

www.fciconnect.com			surface3.200 ISO 1302		tolerance std ISO 406 ISO 1101	projection mm	mm	
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	T.BRUNGARD	01/24/00	ANGULAR 0° ±2°					



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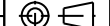
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X31 SEE NOTE 11 LEAD FREE OPTION	D	4	4	3	3	3	3
	C	4	4	3	3	3	3
	B	4	4	3	3	3	3
	A	4	4	3	3	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X32 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	4	4
	C	3	3	3	3	4	4
	B	3	3	3	3	4	4
	A	3	3	3	3	4	4
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X33 SEE NOTE 11 LEAD FREE OPTION	D	19	19	19	19	4	4
	C	19	19	19	19	4	4
	B	19	19	19	19	4	4
	A	19	19	19	19	4	4
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X34 SEE NOTE 11 LEAD FREE OPTION	D	7	5	5	5	5	7
	C	7	5	5	5	5	7
	B	7	5	5	5	5	7
	A	7	5	5	5	5	7
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X35 SEE NOTE 11 LEAD FREE OPTION	D	5	7	5	5	5	5
	C	5	7	5	5	5	5
	B	5	5	5	5	5	5
	A	5	5	5	5	5	5
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X36 SEE NOTE 11 LEAD FREE OPTION	D	5	5	7	5	5	5
	C	5	5	7	5	5	5
	B	5	5	5	5	5	7
	A	5	5	5	5	5	7
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X37 SEE NOTE 11 LEAD FREE OPTION	D	5	5	5	5	5	7
	C	5	5	7	5	5	7
	B	5	5	5	5	5	7
	A	5	5	5	5	5	7
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X38 SEE NOTE 11 LEAD FREE OPTION	D	19	19	19	-	-	-
	C	19	19	19	-	-	-
	B	19	19	19	-	-	19
	A	19	19	19	-	-	19
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X39 SEE NOTE 11 LEAD FREE OPTION	D	-	3	-	3	-	3
	C	2	-	2	-	2	-
	B	-	2	-	2	-	2
	A	3	-	3	-	3	-
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X40 SEE NOTE 11 LEAD FREE OPTION	D	3	2	2	2	2	2
	C	3	2	2	2	2	2
	B	3	2	2	2	2	2
	A	3	2	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X41 SEE NOTE 11 LEAD FREE OPTION	D	7	6	6	6	6	6
	C	7	6	6	6	6	6
	B	7	6	6	6	6	6
	A	7	6	6	6	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X42 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	4
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X43 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	8
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
	A	6	6	7	7	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X44 SEE NOTE 11 LEAD FREE OPTION	D	-	2	-	2	-	2
	C	2	-	2	-	2	-
	B	-	2	-	2	-	2
	A	2	-	2	-	2	-
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X45 SEE NOTE 11 LEAD FREE OPTION	D	-	1	-	1	-	-
	C	1	-	-	-	1	-
	B	-	1	-	1	-	1
	A	1	-	-	-	1	-
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X46 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	1
	C	2	2	2	2	2	2
	B	2	2	3	3	2	4
	A	3	3	3	3	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X47 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	8	6
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
	A	6	6	7	7	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X48 SEE NOTE 11 LEAD FREE OPTION	D	3	1	1	1	1	1
	C	3	4	1	1	1	1
	B	1	4	3	3	1	1
	A	1	1	1	1	1	1
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X49 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	4	3	3	3	3	3
	A	4	3	3	3	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X50 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	4
	A	2	2	2	2	2	4
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X51 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	3	3	4	4	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X52 SEE NOTE 11 LEAD FREE OPTION	D	3	1	2	2	2	2
	C	3	1	2	2	2	2
	B	3	1	2	2	2	2
	A	3	1	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X53 SEE NOTE 11 LEAD FREE OPTION	D	3	3	2	2	2	2
	C	3	3	2	2	2	2
	B	3	3	2	2	2	2
	A	3	3	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X54 SEE NOTE 11 LEAD FREE OPTION	D	2	-	2	-	2	-
	C	-	2	-	2	-	2
	B	2	-	2	-	2	-
	A	-	2	-	2	-	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X55 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	19	19	19
	C	2	2	2	19	19	19
	B	2	2	2	19	19	19
	A	2	2	2	19	19	19
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X56 SEE NOTE 11 LEAD FREE OPTION	D	9	9	9	9	9	9
	C	9	9	9	9	9	9
	B	9	9	9	9	9	21
	A	9	9	9	9	9	21
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X57 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	1
	C	1	1	1	1	1	1
	B	1	1	1	1	1	19
	A	1	1	1	1	1	19
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X58 SEE NOTE 11 LEAD FREE OPTION	D	2	-	2	-	2	-
	C	-	19	-	2	-	19
	B	2	-	19	-	19	-
	A	-	2	-	2	-	19
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X59 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	4
	C	1	1	1	4	1	1
	B	1	4	1	1	1	1
	A	1	1	1	1	1	4
METRAL P/N	ROW	CONTACT CODE MOD. I					
		I	2	3	4	5	6
70218-X60 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	3	1	1
	C	1	1	1	3	1	1
	B	3	3	1	3	1	1
	A	4	4	4	4	4	4

www.fciconnect.com			surface3.200 ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 									
			TOLERANCES UNLESS OTHERWISE SPECIFIED															
Dr	T.BRUNGARD		01/24/00		ANGULAR		LINEAR	0.X		±0.3		size A4	Scale 53:50					
Eng	M.STRAWSER		01/24/00					0.XX		±0.13								
Chr	M.STRAWSER		01/24/00		0° ±2°			0.XXX		±.05I		ECN		*				
Appr	M.STRAWSER		02/29/00		Product family						METRAL		Spec ref				*	
			title METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT						no dwg		70218				Rev. BX			
			catalog no						-		CUSTOMER				sheet 4 of 7			



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METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I												
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6							
70218-X61		D	3	3	3	19	3	3	70218-X66		D	7	6	6	6	6	7	70218-X71		D	-	3	4	3	-	3	70218-X76		D	3	3	3	3	3	3	70218-X81		D	6	6	6	6	6	5	70218-X86		D	1	1	2	2	2	2	
SEE NOTE 11 LEAD FREE OPTION		C	3	3	3	2	19	2	3	SEE NOTE 11 LEAD FREE OPTION		C	7	6	6	6	6	7	SEE NOTE 11 LEAD FREE OPTION		C	-	3	4	3	-	-	SEE NOTE 11 LEAD FREE OPTION		C	3	3	3	3	3	3	SEE NOTE 11 LEAD FREE OPTION		C	6	6	6	6	6	6	SEE NOTE 11 LEAD FREE OPTION		C	1	1	2	2	2	2
		B	3	3	3	3	19	3	3			B	7	6	6	6	6	7			B	-	-	4	-	3	3			B	3	3	3	3	3	3			B	6	6	6	6	6	6			B	1	1	2	2	2	2
		A	3	3	1	19	1	3				A	7	6	6	6	6	7			A	3	-	4	-	3	3			A	3	3	3	3	1	3			A	6	6	6	6	6	6			A	1	1	2	2	2	2
METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I												
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6							
70218-X62		D	19	2	3	2	3	3	70218-X67		D	7	5	5	5	5	5	70218-X72		D	4	2	3	3	3	3	70218-X77		D	8	6	7	7	7	7	70218-X82		D	2	2	2	2	2	2	70218-X87		D	2	1	2	1	2	2	
SEE NOTE 11 LEAD FREE OPTION		C	19	3	3	3	3	3	SEE NOTE 11 LEAD FREE OPTION		C	7	5	5	5	5	5	SEE NOTE 11 LEAD FREE OPTION		C	4	3	3	3	3	3	SEE NOTE 11 LEAD FREE OPTION		C	8	7	7	7	7	7	SEE NOTE 11 LEAD FREE OPTION		C	3	3	4	3	4	3	SEE NOTE 11 LEAD FREE OPTION		C	2	2	3	2	2	2	
		B	19	3	3	3	3	3			B	7	5	5	5	5	5			B	4	3	3	3	3	3			B	8	7	7	7	7	7			B	2	2	2	2	2	2			B	2	2	2	2	2	2	
		A	19	3	1	3	3	3			A	7	5	5	5	5	5			A	4	3	1	3	3	3			A	8	7	5	7	7	7			A	2	2	2	2	2	2			A	2	2	2	2	2	2	
METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I												
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6							
70218-X63		D	1	1	-	1	1	-	70218-X68		D	1	1	1	3	1	1	70218-X73		D	-	2	-	2	-	2	70218-X78		D	4	3	4	2	2	3	70218-X83		D	1	2	2	2	2	2	70218-X88		D	6	6	6	6	6	6	
SEE NOTE 11 LEAD FREE OPTION		C	-	-	-	-	-	-	SEE NOTE 11 LEAD FREE OPTION		C	1	1	1	3	1	1	SEE NOTE 11 LEAD FREE OPTION		C	2	-	2	-	2	-	SEE NOTE 11 LEAD FREE OPTION		C	4	3	4	2	2	3	SEE NOTE 11 LEAD FREE OPTION		C	1	2	2	2	2	2	SEE NOTE 11 LEAD FREE OPTION		C	7	7	8	6	6	6	
		B	-	-	-	-	-	-			B	1	1	1	3	1	1			B	-	2	-	2	-	2			B	4	3	4	2	2	3			B	1	2	2	2	2	2			B	6	6	6	6	6	6	
		A	1	1	-	1	1	-			A	1	1	1	3	1	1			A	2	-	2	-	2	-			A	4	3	4	2	4	3			A	1	2	2	2	2	2			A	6	6	6	6	6	6	
METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I												
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6							
70218-X64		D	7	5	5	6	6	7	70218-X69		D	3	1	1	3	1	1	70218-X74		D	4	3	3	3	3	3	70218-X79		D	4	3	4	2	2	4	70218-X84		D	2	1	1	1	1	1	70218-X89		D	2	2	2	2	2	2	
SEE NOTE 11 LEAD FREE OPTION		C	7	5	5	6	6	7	SEE NOTE 11 LEAD FREE OPTION		C	3	1	1	3	1	1	SEE NOTE 11 LEAD FREE OPTION		C	4	3	3	3	3	3	SEE NOTE 11 LEAD FREE OPTION		C	4	3	4	2	2	2	SEE NOTE 11 LEAD FREE OPTION		C	2	1	1	1	1	1	SEE NOTE 11 LEAD FREE OPTION		C	2	4	2	2	2	2	
		B	7	5	5	6	6	7			B	3	1	1	3	1	1			B	4	3	3	3	3	3			B	4	3	4	2	2	2			B	2	1	1	1	1	1			B	2	2	2	2	2	2	
		A	7	5	5	6	6	7			A	3	1	1	3	1	1			A	4	3	3	3	3	3			A	4	3	4	2	2	2			A	2	1	1	1	1	1			A	2	2	2	2	2	2	
METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I												
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6							
70218-X65		D	3	1	1	2	2	3	70218-X70		D	3	3	3	3	3	3	70218-X75		D	7	7	7	7	7	7	70218-X80		D	3	3	3	3	3	3	70218-X85		D	1	1	1	1	2	1	70218-X90		D	1	1	3	2	1	2	
SEE NOTE 11 LEAD FREE OPTION		C	3	1	1	2	2	3	SEE NOTE 11 LEAD FREE OPTION		C	3	3	3	3	3	3	SEE NOTE 11 LEAD FREE OPTION		C	7	7	7	7	7	7	SEE NOTE 11 LEAD FREE OPTION		C	3	3	3	3	3	3	SEE NOTE 11 LEAD FREE OPTION		C	1	1	1	1	4	1	SEE NOTE 11 LEAD FREE OPTION		C	2	2	2	2	2	2	
		B	3	1	1	2	2	3			B	3	3	3	3	3	3			B	7	7	7	7	7	7			B	3	3	3	3	3	3			B	1	1	1	1	2	1			B	2	2	2	2	2	2	
		A	3	1	1	2	2	3			A	-	-	-	-	-	3			A	7	7	7	7	5	7			A	3	3	4	4	3	3			A	1	1	1	1	2	1			A	2	2	2	2	2	2	

www.fciconnect.com			surface3.200 ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	T.BRUNGARD	01/24/00	ANGULAR	LINEAR	0.X ±0.3		size A4	Scale 53:50		
Eng	M.STRAWSER	01/24/00			0.XX ±0.13					
Chr	M.STRAWSER	01/24/00			0.XXX ±.051					
Appr	M.STRAWSER	02/29/00	0° ±2°			ECN		*		
			Product family				METRAL		Spec ref *	
			title				dwg no		Rev.	
			METRAL SIGNAL HEADER				70218		BX	
			1 MOD, 4 ROW PRESS-FIT							
			catalog no				CUSTOMER		sheet 5 of 7	



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METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X91 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2
	C	3	3	4	2	2	2
	B	2	2	2	2	2	2
	A	2	2	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X92 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2
	C	2	2	2	4	2	2
	B	2	2	2	2	2	2
	A	2	2	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X93 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	1	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	2	2	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X94 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2
	C	2	2	2	2	4	2
	B	2	2	2	2	2	2
	A	2	2	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X95 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	1	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	2	2	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X96 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6
	C	6	6	8	6	6	6
	B	8	6	6	6	6	6
	A	7	6	6	6	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X97 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6
	C	6	6	5	5	6	6
	B	6	6	6	6	6	6
	A	6	6	6	6	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X98 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	5	6	6
	C	7	6	6	6	6	6
	B	6	6	6	6	6	6
	A	6	6	6	5	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X99 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	19	19
	C	1	1	1	1	19	19
	B	1	1	1	1	19	19
	A	1	1	1	1	19	19
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X100 SEE NOTE 11 LEAD FREE OPTION	D	4	2	2	2	2	4
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	4	2	2	4	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X101 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	1
	C	2	2	1	2	1	2
	B	2	1	2	2	2	2
	A	2	2	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X102 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	5
	C	6	6	6	6	6	5
	B	6	6	6	6	6	6
	A	6	6	6	6	6	5
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X103 SEE NOTE 11 LEAD FREE OPTION	D	6	6	20	6	6	6
	C	6	6	20	6	6	6
	B	6	6	20	6	6	6
	A	6	6	20	6	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X104 SEE NOTE 11 LEAD FREE OPTION	D	7	6	6	6	6	6
	C	20	6	6	6	6	6
	B	6	6	6	20	6	6
	A	6	6	6	6	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X105 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	20	20
	C	6	6	6	6	20	20
	B	6	6	6	6	20	20
	A	6	6	6	6	20	20
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X106 SEE NOTE 11 LEAD FREE OPTION	D	2	3	2	2	2	19
	C	2	3	2	2	2	19
	B	2	3	2	2	2	19
	A	2	3	2	2	2	19
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X107 SEE NOTE 11 LEAD FREE OPTION	D	19	2	3	2	3	2
	C	19	2	3	2	3	2
	B	19	2	3	2	3	2
	A	19	2	3	2	3	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X108 SEE NOTE 11 LEAD FREE OPTION	D	1	1	3	2	3	1
	C	1	1	3	2	3	1
	B	1	1	3	2	3	1
	A	1	1	3	2	3	1
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X109 SEE NOTE 11 LEAD FREE OPTION	D	2	1	1	2	2	2
	C	2	1	1	2	2	2
	B	2	1	1	2	2	2
	A	2	1	1	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X110 SEE NOTE 11 LEAD FREE OPTION	D	1	1	2	2	2	3
	C	1	1	2	2	2	3
	B	2	2	2	2	2	3
	A	2	2	2	2	2	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X111 SEE NOTE 11 LEAD FREE OPTION	D	7	6	5	5	5	5
	C	7	6	5	5	5	5
	B	7	6	5	5	5	5
	A	7	6	5	5	5	5
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X112 SEE NOTE 11 LEAD FREE OPTION	D	1	3	1	1	1	1
	C	1	3	1	1	1	1
	B	1	3	1	1	1	1
	A	1	3	1	1	1	1
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X113 SEE NOTE 11 LEAD FREE OPTION	D	3	2	3	2	2	2
	C	3	2	3	2	2	2
	B	3	2	3	2	2	2
	A	3	2	3	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X114 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6
	C	6	6	6	6	6	6
	B	7	6	6	6	6	6
	A	7	6	6	6	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X115 SEE NOTE 11 LEAD FREE OPTION	D	2	1	3	2	2	3
	C	2	1	3	2	2	3
	B	2	1	3	2	2	3
	A	2	1	3	2	2	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X116 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	1
	C	2	2	2	2	2	2
	B	1	1	1	1	1	1
	A	2	2	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X117 SEE NOTE 11 LEAD FREE OPTION	D	7	6	20	6	6	6
	C	20	6	20	6	6	6
	B	6	6	20	6	6	6
	A	6	6	20	6	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X118 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	1
	C	2	2	2	2	1	2
	B	2	2	19	2	2	2
	A	2	2	1	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X119 SEE NOTE 11 LEAD FREE OPTION	D	20	6	6	6	6	6
	C	20	6	6	6	6	6
	B	20	6	6	6	6	6
	A	20	6	6	6	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X120 SEE NOTE 11 LEAD FREE OPTION	D	2	2	19	2	19	2
	C	2	2	19	2	19	2
	B	2	1	19	2	19	2
	A	2	2	19	2	19	2

www.fciconnect.com			surface3.200 ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	T.BRUNGARD	01/24/00	ANGULAR	LINEAR	0.X ±0.3		size A4	Scale 53:50		
Eng	M.STRAWSER	01/24/00			0.XX ±0.13					
Chr	M.STRAWSER	01/24/00			0.XXX ±.051					
Appr	M.STRAWSER	02/29/00	0° ±2°		ECN		*			
			Product family				METRAL		Spec ref *	
			title METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT				dwg no 70218		Rev. BX	
			catalog no				-	CUSTOMER		sheet 6 of 7



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METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X121 SEE NOTE 11 LEAD FREE OPTION	D	2	2	3	19	1	19
	C	2	2	3	19	2	19
	B	2	2	3	19	19	2
	A	2	2	3	19	19	3

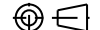


NOTES:

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

POLYMER 30 % GLASS.

FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL:
PHOSPHOR BRONZE.
- PLATING ON PRESS-FIT TAIL:
70218 -XXX IS SnPb
70218-XYLF IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
LEVEL SHOWN IN TABLE.
- PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.
- 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-XXXPLF
- PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH
QUALIFIED TOOL.
- A PLATING HAS Au FLASH IN PRESS FIT
AREA (LEAD FREE).
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-22-008.
- FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
EXAMPLE: 70218-X01LF
- ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING
(DRAWING NO.)-N1--- 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.)-N1---
AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND Au CONTACT
SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140°C FOR
NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

www.fciconnect.com			surface3.200 ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 			
			TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	T.BRUNGARD	01/24/00	ANGULAR	LINEAR	0.X ±0.3		size A4	Scale 53:50				
Eng	M.STRAWSER	01/24/00			0.XX ±0.13							
Chr	M.STRAWSER	01/24/00			0.XXX ±.051							
Appr	M.STRAWSER	02/29/00	0° ±2°					ECN		*		
			Product family				METRAL		Spec ref *			
			title METRAL SIGNAL HEADER I MOD, 4 ROW PRESS-FIT				dwg no 70218		Rev. BX			
			catalog no				-		CUSTOMER		sheet 7 of 7	



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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