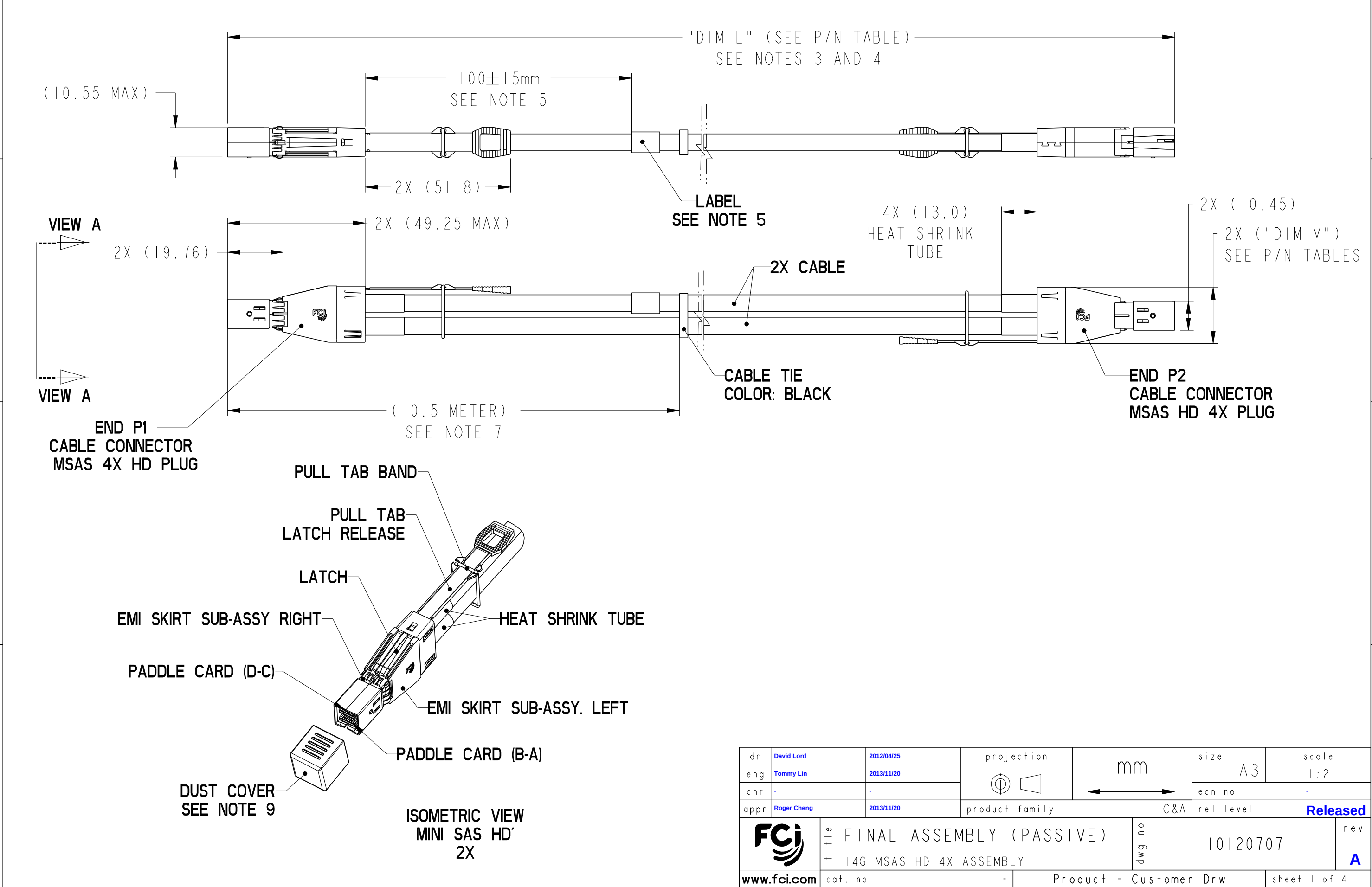
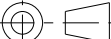
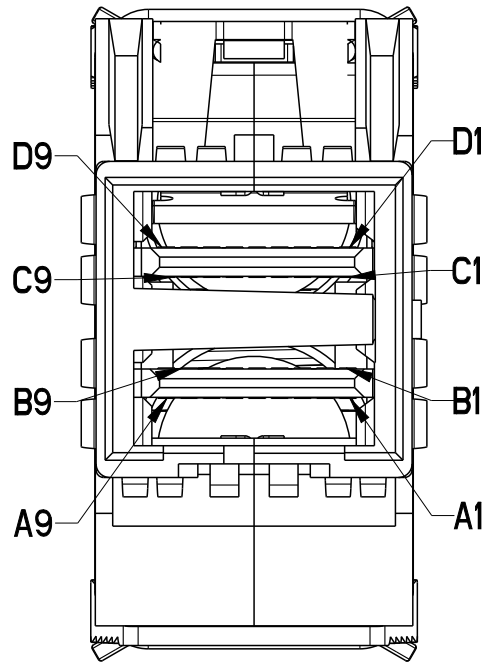


PRODUCT NUMBER	DESCRIPTION	NOTES
10120707-XXXXLF	NON-HF,SEE NOTE 12&16	SEE SHT. 3
10120707-XXXXHLF	HALOGEN FREE(H),SEE NOTE 11&16	SEE SHT. 3



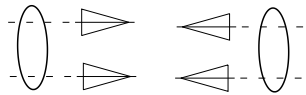
dr	David Lord	2012/04/25	projection 	mm 	size	A3	scale	1:2		
eng	Tommy Lin	2013/11/20			ecn no	-				
chr	-	-			rel level	Released				
appr	Roger Cheng	2013/11/20	product family		C&A					
			title	FINAL ASSEMBLY (PASSIVE)		dwg no	10120707		rev	A
			14G MSAS HD 4X ASSEMBLY							
www.fci.com			cat. no.	-	Product - Customer Drw			sheet 1 of 4		

PRODUCT NUMBER	DESCRIPTION	NOTES
10120707-XXXXLF	NON-HF,SEE NOTE 12&16	SEE SHT. 3
10120707-XXXXHLF	HALOGEN FREE(H),SEE NOTE 11&16	SEE SHT. 3



P1
VIEW A
SCALE 4:1

LEGEND:



HIGH-SPEED SERIAL
DIFFERENTIAL PAIRS

SIGNAL RETURN



POWER AND MANAGEMENT
INTERFACE

MINIMUM CABLE BEND TABLE

CABLE	A	B	C	D (nominal)	("DIM Y") NON-HF
26 AWG	29.5	13.0	40.4	Ø 6.73	82.9
30 AWG			31.3	Ø 5.21	73.8

MINIMUM CABLE BEND TABLE

CABLE	A	B	C	D (nominal)	("DIM Y") HF
26 AWG	29.5	13.0	40.4	Ø 6.73	82.9
30 AWG			31.3	Ø 5.21	73.8

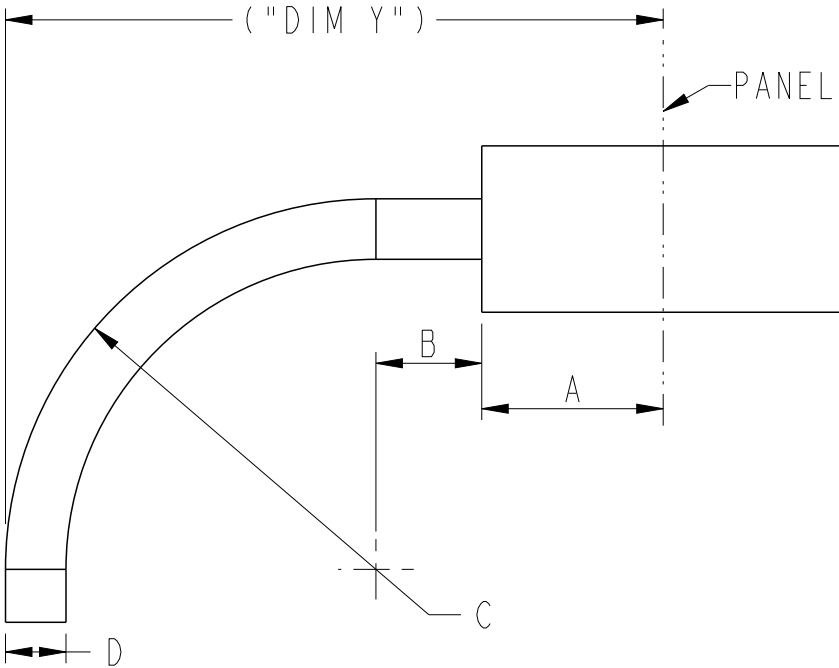
WIRING LIST (SEE NOTE 6)

END P1

END P2

POSITION	SYMBOL		POSITION	SYMBOL
D9	GROUND	-----	B9	GROUND
D8	Tx2-	⊖-----→	B8	Rx2-
D7	Tx2+	⊕-----→	B7	Rx2+
D6	GROUND	-----	B6	GROUND
D5	Tx0-	⊖-----→	B5	Rx0-
D4	Tx0+	⊕-----→	B4	Rx0+
D3	GROUND	-----	B3	GROUND
D2	Vman	←→	B2	ModPrsL
D1	Vact	←→	B1	Vact
C1	SCL	←→	A1	Reserved
C2	SDA	←→	A2	IntL
C3	GROUND	-----	A3	GROUND
C4	Tx1+	⊕-----→	A4	Rx1+
C5	Tx1-	⊖-----→	A5	Rx1-
C6	GROUND	-----	A6	GROUND
C7	Tx3+	⊕-----→	A7	Rx3+
C8	Tx3-	⊖-----→	A8	Rx3-
C9	GROUND	-----	A9	GROUND
B9	GROUND	-----	D9	GROUND
B8	Rx2-	←-----⊖	D8	Tx2-
B7	Rx2+	←-----⊕	D7	Tx2+
B6	GROUND	-----	D6	GROUND
B5	Rx0-	←-----⊖	D5	Tx0-
B4	Rx0+	←-----⊕	D4	Tx0+
B3	GROUND	-----	D3	GROUND
B2	ModPrsL	←→	D2	Vman
B1	Vact	←→	D1	Vact
A1	Reserved	←→	C1	SCL
A2	IntL	←→	C2	SDA
A3	GROUND	-----	C3	GROUND
A4	Rx1+	←-----⊕	C4	Tx1+
A5	Rx1-	←-----⊖	C5	Tx1-
A6	GROUND	-----	C6	GROUND
A7	Rx3+	←-----⊕	C7	Tx3+
A8	Rx3-	←-----⊖	C8	Tx3-
A9	GROUND	-----	C9	GROUND

SHIELD-----→SHIELD



BEND RADIUS
TOP VIEW OF CONNECTOR

dr	David Lord	2012/04/25	projection	mm	size	A3	scale	1:2
eng	Tommy Lin	2013/11/20			ecn no	-		
chr	-	-			rel level	Released		
appr	Roger Cheng	2013/11/20	product family	C&A				
www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 4				
FCI	FINAL ASSEMBLY (PASSIVE)	14G MSAS HD 4X ASSEMBLY	dwg no	10120707	rev	A		



A

B

C

D

NON-HALOGEN FREE CABLE ASSEMBLY PART NUMBERS SEE NOTE 12&16			
FCI PART NUMBER	LENGTH "DIM L" (Meters)	"DIM M" (mm)	AWG
10120707-2005LF	0.5	17.3	30
10120707-2010LF	1.0	17.3	30
10120707-2015LF	1.5	17.3	30
10120707-2020LF	2.0	17.3	30
10120707-4010LF	1.0	20.1	26
10120707-4020LF	2.0	20.1	26
10120707-4025LF	2.5	20.1	26
10120707-4030LF	3.0	20.1	26
10120707-4035LF	3.5	20.1	26
10120707-4040LF	4.0	20.1	26

2

3

4

HALOGEN FREE CABLE ASSEMBLY PART NUMBERS SEE NOTE 11&16			
FCI PART NUMBER	LENGTH "DIM L" (Meters)	"DIM M" (mm)	AWG
10120707-2005HLF	0.5	17.3	30
10120707-2010HLF	1.0	17.3	30
10120707-2015HLF	1.5	17.3	30
10120707-2020HLF	2.0	17.3	30
10120707-4010HLF	1.0	20.1	26
10120707-4020HLF	2.0	20.1	26
10120707-4025HLF	2.5	20.1	26
10120707-4030HLF	3.0	20.1	26
10120707-4035HLF	3.5	20.1	26
10120707-4040HLF	4.0	20.1	26

A

B

C

D

dr	David Lord	2012/04/25	projection	mm	size	A3	scale	1:2		
eng	Tommy Lin	2013/11/20			ecn no	-				
chr	-	-								
appr	Roger Cheng	2013/11/20	product family		C&A	rel level	Released			
FCi		title		FINAL ASSEMBLY (PASSIVE)			dwg no	10120707	rev	A
		14G MSAS HD 4X ASSEMBLY								
www.fci.com		cat. no.		-		Product - Customer Drw			sheet 3 of 4	

2

3

PDS: Rev :A

STATUS:Released

Printed: Nov 21, 2013

PRODUCT NUMBER	DESCRIPTION	NOTES
10120707-XXXXLF	NON-HF,SEE NOTE 12&16	SEE SHT. 3
10120707-XXXXHLF	HALOGEN FREE(H),SEE NOTE 11&16	SEE SHT. 3

NOTES:

1 - MATERIAL:
BACK SHELLS: ZINC ALLOY/ COPPER UNDERPLATE/ NICKEL OVERPLATE
PULL TAB: THERMOPLASTIC POLYMER
LATCH : STAINLESS STEEL
FERRULE: BRASS
EMI SKIRT: STAINLESS STEEL
LOCTITE
PADDLE CARD: PRINTED CIRCUIT SUBSTRATE
HEAT SHRINK TUBE: POLYOLEFIN

2 - THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2011/65/EU)

3. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.

4- UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE IS TO BE:
"DIM L" < 1 METER = $\pm 25\text{mm}$
"DIM L" 1 METER TO 4 METERS = $\pm 2\%$ OF "DIM L"
"DIM L" > 4 METERS = $+0.00/-4\%$ OF "DIM L"

5- LABEL DETAILS:

MANUFACTURER CODE OR NAME COUNTRY OF ORIGIN
CUSTOMER P/N OR FCI P/N
FCI CUSTOMER DRAWING REVISION
FCI SERIAL NUMBER

FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.

6- ALL CABLE ASSEMBLIES 100% TESTED FOR CONTINUITY AS DEFINED IN WIRING LIST.

7. PLACE A CABLE TIE EVERY 0.5 METER ON ALL ASSEMBLIES, UNLESS OTHERWISE SPECIFIED.
IN CASE OF 0.5 METER CABLE ASSEMBLY, CABLE TIE IS TO BE APPLIED AT THE MIDWAY POINT.

8 - OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION: GS-12-651.

9- PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING PER SPECIFICATION GS-14-920.
PACKAGE CABLE ASSEMBLIES PER GS-14-1272.
DUST COVERS ARE TO BE ASSEMBLED PRIOR TO PACKAGING.
FCI PACKAGE TRACKING BAG LABEL IS ONLY FOR REFERENCE.

10. A " $\triangle$ " SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION. THE CURRENT REVISION WILL BE SHOWN IN THE SYMBOL.

11. "H" PRODUCT NUMBERS DESIGNATE THE USE OF HALOGEN FREE RAW CABLE.

12. HALOGEN FREE RAW CABLE CAN BE USED AS A SUBSTITUTE ON NON-HF PRODUCT NUMBERS.

13. MEETS ELECTRICAL PERFORMANCE REQUIREMENTS OF SAS 3.0

14. MATES TO SERIES: 10112626 or 10112627 or 10112628

15. EEPROM MAP INFORMATION FOLLOW FCI STANDARDS.

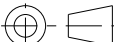
16. RAW CABLE IS OPTIONAL,WHICH HAD BEEN QUALIFIED BY FCI AND MEET FCI PRODUCT SPEC. GS-12-651.

LABEL EXAMPLE

FCI CHINA
10120707-2005LF
REV.A
CN1347HZ052L0001

FCI SERIAL NUMBER IS USED ONLY FOR TRACKING PRODUCT AND THE FORMAT DETAIL IS AS BELOW:

CN1347HZ052L0001
CN PRESENT MADE IN CHINA
YYWW(YEAR AND WEEK)
PRESENT PRODUCT BASE NUMBER(USE "HZ")
SEQUENCE NUMBER(0001~9999)
NON-HALOGEN FREE OR HALOGEN FREE TYPE:
L IS NON-HALOGEN FREE TYPE
H IS HALOGEN FREE TYPE
CABLE AWG(2 IS 30AWG,4 IS 26AWG)
LENGTH(05 IS 0.5 METER, 10 IS 1.0 METER, 15 IS 1.5 METERS,ETC)

dr	David Lord	2012/04/25	projection 	mm 	size	A3	scale	1:2
eng	Tommy Lin	2013/11/20			ecn no	-		
chr	-	-			rel level	Released		
appr	Roger Cheng	2013/11/20	product family		C&A			
		title			FINAL ASSEMBLY (PASSIVE)			rev
					14G MSAS HD 4X ASSEMBLY			A
www.fci.com		cat. no.	-	Product - Customer Drw			sheet 4 of 4	



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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