

Excellent Integrated System Limited

Stocking Distributor

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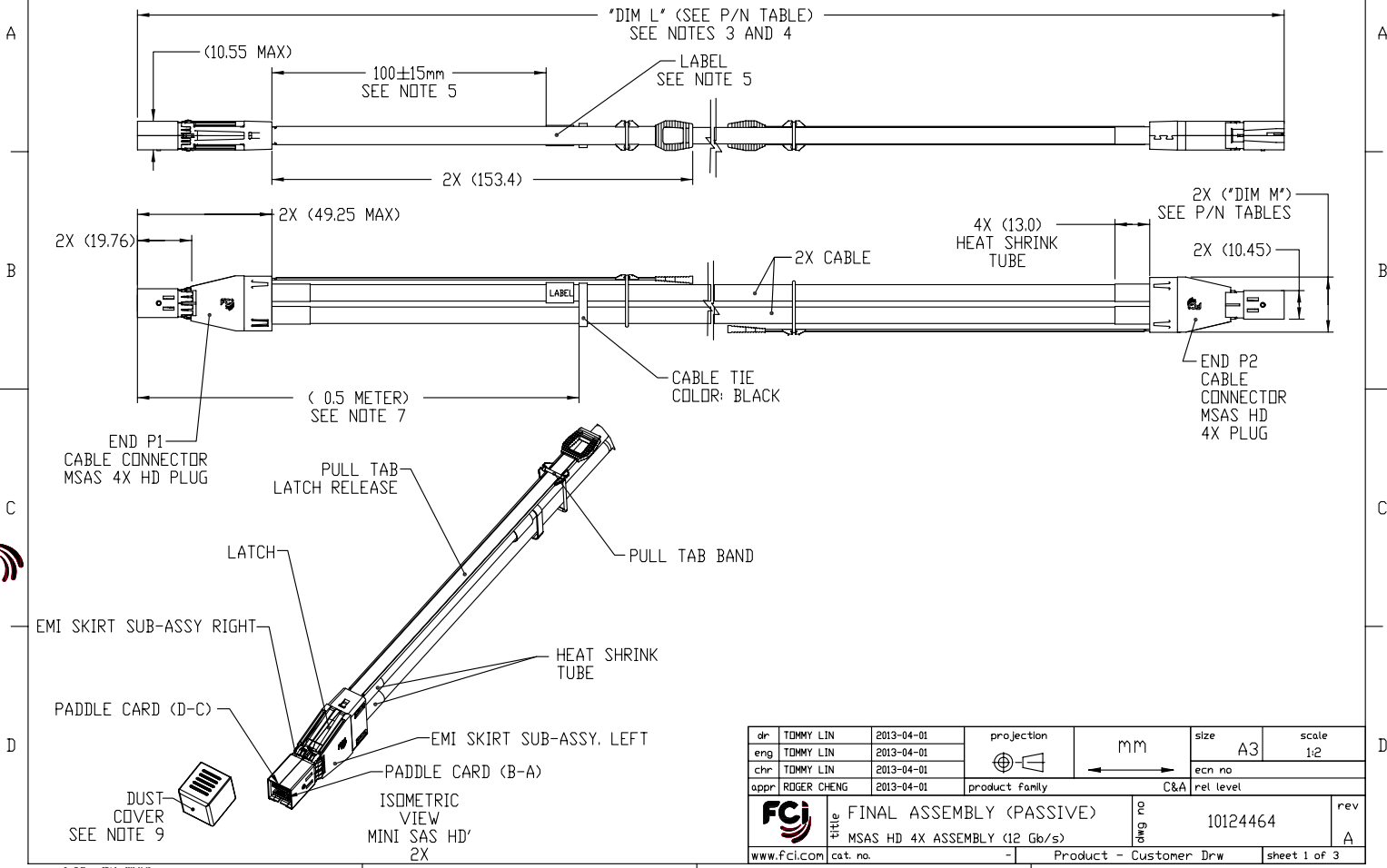
[FCI](#)

[10124464-2008HLF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NUMBER	DESCRIPTION	NOTES
10124464-XXXXHLF	HALOGEN FREE (H)	SEE SHT. 3



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dr	TOMMY LIN	2013-04-01	projection	mm	size	A3	scale	1:2
eng	TOMMY LIN	2013-04-01		mm	ecn no	rel level	C&A	rev
chr	TOMMY LIN	2013-04-01						
appr	ROGER CHENG	2013-04-01	product family		C&A		rel level	
			FINAL ASSEMBLY (PASSIVE) MSAS HD 4X ASSEMBLY (12 Gb/s)			10124464		A
www.fci.com			cat. no.		Product - Customer Drw		sheet 1 of 3	

Prod. Rev. - REV C - 2009-06-09

1

2

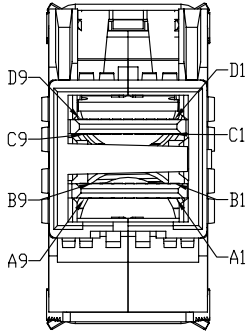
3

PDS: Rev :A

STATUS:Released

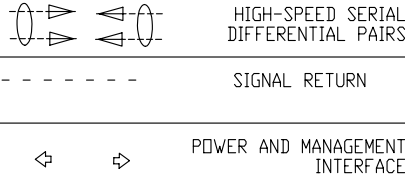
Printed: Apr 12, 2013

PRODUCT NUMBER	DESCRIPTION	NOTES
10124464-XXXXHLF	HALOGEN FREE (H)	SEE SHT. 3



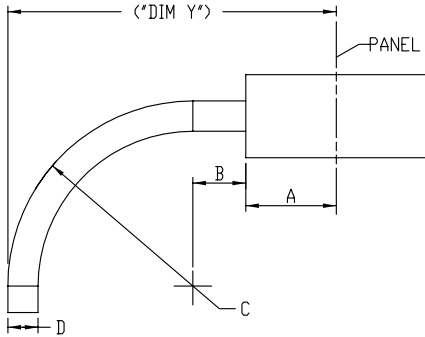
P1
VIEW A
SCALE 4:1

LEGEND:



CABLE	A	B	C	D (nominal)	('DIM Y') NON-HF
24 AWG	29.5	13.0	50.28	∅ 8.38	92.78
26 AWG			42.6	∅ 7.1	85.1
28 AWG			36.6	∅ 6.1	79.1
30 AWG			31.8	∅ 5.3	74.3

CABLE	A	B	C	D (nominal)	('DIM Y') HF
24 AWG	29.5	13.0	50.28	∅ 8.38	92.78
26 AWG			45	∅ 7.5	87.5
28 AWG			39	∅ 6.5	81.5
30 AWG			35.4	∅ 5.9	77.9



BEND RADIUS
TOP VIEW OF CONNECTOR

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	

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chr	TOMMY LIN	2013-04-01						
appr	ROGER CHENG	2013-04-01	product family	C&A	cat. no.	10124464	Product - Customer Drw	sheet 2 of 3
		FINAL ASSEMBLY (PASSIVE)		MSAS HD 4X ASSEMBLY (12 Gb/s)				A

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PART NUMBER (HALOGEN FREE) SEE NOTE 11	*DIM L* LENGTH (Meters)	*DIM M* (mm)	AWG
10124464-2008HLF	0.75	17.3	30

NOTES CONTINUED:

- 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 2.1
- 14. MATES TO SERIES: 10112626 or 10112627 or 10112628

NOTES:

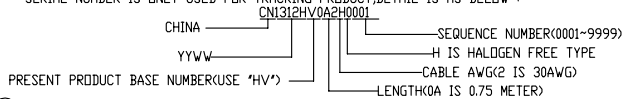
- 1. MATERIAL:
BACK SHELLS: ZINC ALLOY/ COPPER UNDERPLATE/ NICKEL OVERPLATE
PULL TAB: THERMOPLASTIC POLYMER
LATCH: STAINLESS STEEL
FERRULE: BRASS
EMI SKIRT: STAINLESS STEEL
LOCTITE
PADDLE CARD: PRINTED CIRCUIT SUBSTRATE
HEAT SHRINK TUBE: POLYOLEFIN
- 2. THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (ROHS) DIRECTIVE (2002/95/EC)
- 3. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
- 4. UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE IS TO BE:
DIM L < 1 METER = ±25mm
DIM L 1 METER TO 10 METERS = ±2% OF *DIM L*

LABEL EXAMPLE

FCI MADE IN CHINA
10124464-2008HLF
REV.A
CNI312HV0A2H0001

- 5. LABEL DETAILS:
MANUFACTURER CODE OR NAME COUNTRY OF ORIGIN
CUSTOMER P/N OR FCI P/N
CUSTOMER DRAWING REVISION
SERIAL NUMBER

FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.
SERIAL NUMBER IS ONLY USED FOR TRACKING PRODUCT, DETAIL IS AS BELOW:



- 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-14-2314.
DUST COVERS ARE TO BE ASSEMBLED PRIOR TO PACKAGING.

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eng	TOMMY LIN	2013-04-01			
chr	TOMMY LIN	2013-04-01			
appr	ROGER CHENG	2013-04-01	product family	C&A	rel level
			FINAL ASSEMBLY (PASSIVE)	10124464	rev A
www.fci.com			cat. no.	Product - Customer Drw	sheet 3 of 3

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