

Excellent Integrated System Limited

Stocking Distributor

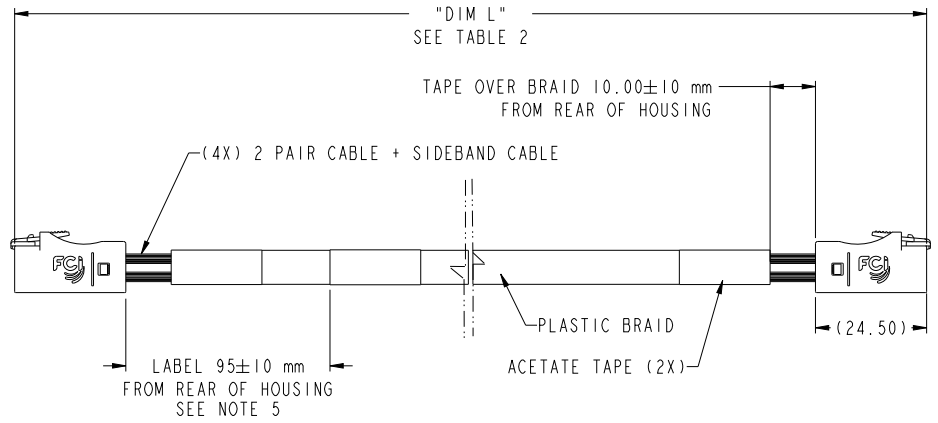
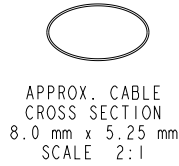
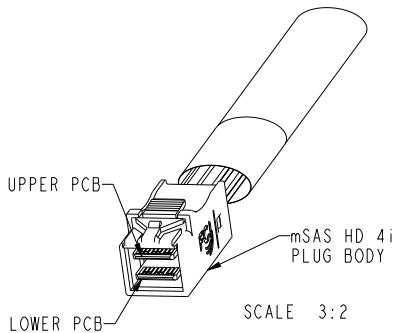
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10119217-2050LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

FCI PART NUMBER	DESCRIPTION	NOTES
10119217-XXXXLF	CONTROLLER TO BACKPLANE CONFIGURATION	SEE TABLE 1



spec ref	-	dr	David Lind	201212014	projection	mm	size	A3	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Yu Li	201509022	chr	-	ecm no	ELX-N-20069-1	rel level	Released
	TOLERANCES UNLESS OTHERWISE SPECIFIED	appr	Duohy Liu	201509025	product family	-				
surface	linear	0.X	±0.3	FCI	mSAS HD INTERNAL (4i) CABLE ASSEMBLY- 12 Gb/s	cat. no.	Product - Customer Drw	sheet 1 of 4	rev	E
		0.XX	±0.10							
		0.XXX	±0.005							
ISO 1302	angular	0°	±2°	www.fci.com						

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PDS: Rev E

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FCI PART NUMBER	DESCRIPTION	NOTES
10119217-XXXXLF	CONTROLLER TO BACKPLANE CONFIGURATION	SEE TABLE 1

TABLE 2- CABLE PART NUMBER LIST

PART NUMBER	"DIM L" CABLE LENGTH (METERS)	AWG	NOTES
10119217-2030LF	0.3	30	CONTROLLER TO BACKPLANE WIRING CONFIGURATION (SHEET 2) ----- (SEE SHEET 4 FOR ALL NOTES)
10119217-2040LF	0.4	30	
10119217-2050LF	0.5	30	
10119217-2060LF	0.6	30	
10119217-2070LF	0.7	30	
10119217-2080LF	0.8	30	
10119217-2090LF	0.9	30	
10119217-2100LF	1.0	30	
10119217-2125LF	1.25	30	
10119217-2200LF	2.0	30	
10119217-2095LF	0.95	30	



NOTE:

1. ALL CABLE PERFORMANCE COMPLIANCE SAS3.0
2. CABLE MORE THAN 1.0 METER COULD NOT MEET SAS3.0 INSERTION LOSS -11dB MAX.

spec ref	-	dr	David Lind	201212014	projection	mm	size	A3	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Yu Li	201509022			ecp no	ELX-N-20069-1	rel level	Released
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-			product family	-		
surface	ISO 1302	appr	DanMy Liu	201509025			cat. no.	-	Product - Customer Drw	sheet 2 of 4
	linear						title	mSAS HD INTERNAL (4i) CABLE ASSEMBLY- 12 Gb/s	rev	E
	angular						dwg no	10119217		
	0.X									
	0.XX									
	0.XXX									
	0°									
	±0.3									
	±0.10									
	±0.005									
	±2°									

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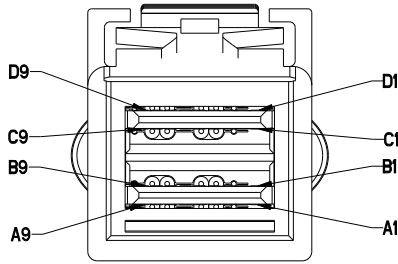
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FCI PART NUMBER	DESCRIPTION	NOTES
10119217-XXXXLF	CONTROLLER TO BACKPLANE CONFIGURATION	SEE TABLE 1



SCALE 5:1

LEGEND	
	HIGH-SPEED SERIAL DIFFERENTIAL PAIRS
	SIGNAL RETURN
	SIDEBAND SIGNAL

WIRING LIST (CONTROLLER TO BACKPLANE)			
END P1 (CONTROLLER)		END P2 (BACKPLANE)	
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	SIDEBAND 6	D1	SIDEBAND 6
D1	SIDEBAND 5	D2	SIDEBAND 5
C1	SIDEBAND 4	C2	SIDEBAND 4
C2	SIDEBAND 2	C1	SIDEBAND 2
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	SIDEBAND 1	B1	SIDEBAND 1
B1	SIDEBAND 3	B2	SIDEBAND 3
A1	SIDEBAND 7	A2	SIDEBAND 7
A2	SIDEBAND 0	A1	SIDEBAND 0
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

spec ref		-		dr		David Lind		201212014		projection				mm		size		A3		scale		2:1	
tolerance std		ISO 406		eng		Yu Li		201505025		chr		-		ecr no		ELX-N-28890-1		rel level		Released			
ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		appr		Dethy Liu		201505025		product family		-											
surface		linear		0.X		±0.3				title		mSAS HD INTERNAL (4i)		dwg no		10119217		rev		E			
				0.XX		±0.10																	
				0.XXX		±0.005																	
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 3 of 4							

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FCI PART NUMBER	DESCRIPTION	NOTES
10119217-XXXXLF	CONTROLLER TO BACKPLANE CONFIGURATION	SEE TABLE 1

NOTES:

1. MATERIAL:
HOUSINGS: MODIFIED POLYPHENYLENE ETHER
PADDLE CARD: PRINTED CIRCUIT SUBSTRATE
HEAT SHRINK TUBE: POLYOLEFIN
EPOXY LOCTITE
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 = $\pm 25\text{mm}$
"DIM L" 1 METER TO 10 METERS = $\pm 2\%$ OF "DIM L"
5. UNLESS OTHERWISE SPECIFIED LABEL POSITION IS TO BE 95mm FROM REAR OF PI CONNECTOR.
LABEL DETAILS:
MANUFACTURER CODE OR NAME COUNTRY OF ORIGIN
CUSTOMER P/N OR FCI P/N
REVISION
DATE CODE (YYYY/MM/DD FORMAT) - SERIAL NUMBER

FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.
6. ALL CABLE ASSEMBLIES SHALL BE 100% TESTED FOR CONTINUITY AS DEFINED IN WIRING LIST.
7. ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED BY APPLYING 300V DC FOR A MINIMUM OF 10ms.
8. IMPEDANCE: 100Ω DIFFERENTIAL.
9. OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION: GS-12-650.
10. PACKAGE AND LABEL CABLE ASSEMBLIES PER GS-14-1272.
11. A "△" 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.
12. "HLF" PRODUCT NUMBERS DESIGNATE THE USE OF HALOGEN FREE RAW CABLE.
13. HALOGEN FREE RAW CABLE CAN BE USED AS A SUBSTITUTE ON NON-HF PRODUCT NUMBERS.
14. PART NUMBER/SUPPLIER SUBSTITUTION IS NOT ALLOWED.
15. THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING AND ELECTRICAL REQUIREMENTS OF THE SFF-8643 SPECIFICATION.

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		appr	Duohy Liu	201509025	product family	-				
surface	ISO 1302	linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.005	FCI	title	mSAS HD INTERNAL (4i) CABLE ASSEMBLY- 12 Gb/s	dwg no	10119217	rev	E
		angular	0° ±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 4 of 4		

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