

Excellent Integrated System Limited

Stocking Distributor

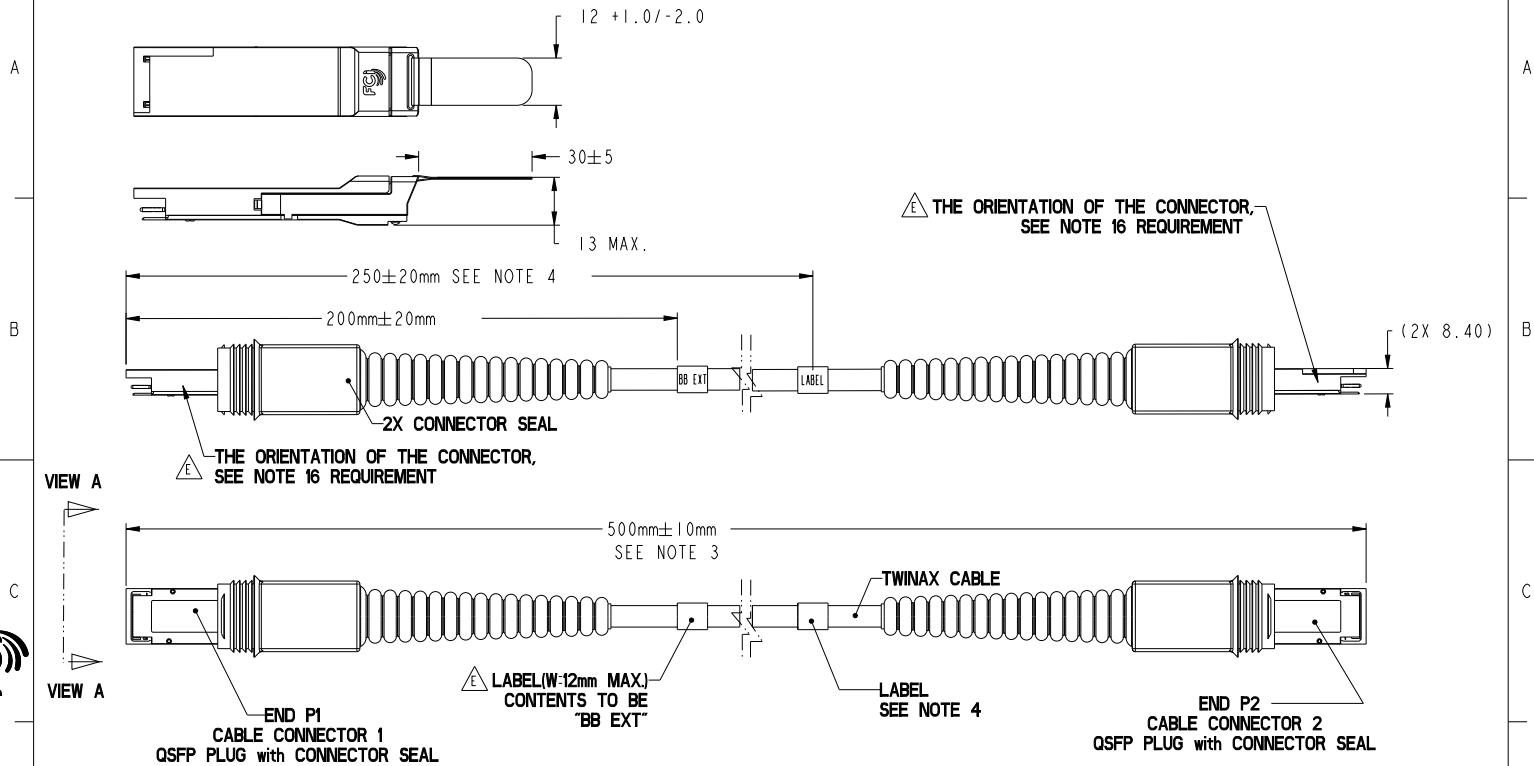
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10110113-101LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

FCI P/N	CUSTOMER P/N	AWG
10110113-101LF	995298a	30 AWG 12 PAIR +2



dr	Deborah Ingram	20091207	projection	mm	size	A3	scale	1:2
eng	Tommy Lin	06100712			ecm no	ELX-N-35225-1		
chr					rel level	Released		
appr	Roger Cheng	20130715	product family	QSFP PLUG				
FCI			title			dwg no	10110113	rev
www.fci.com			FINAL ASSEMBLY					E
			CUSTOM QSFP (PASSIVE) ASSEMBLY					
cat. no.			Product - Customer Drw			sheet 1 of 3		

Print Date: REV C: 2009-04-09

1

2

3

PDS: Rev E

STATUS: Released

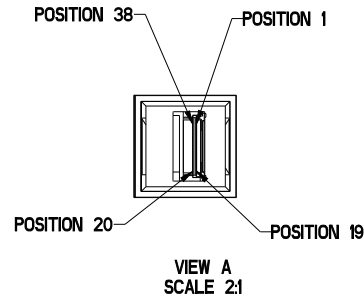
Printed: Jul 15, 2013

PART NUMBER
10110113-101LF
SEE TABLE

WIRING LIST (SEE NOTE 5)			
END P1		END P2	
POSITION	SYMBOL	POSITION	SYMBOL
1	I2C_SCL	1	I2C_SCL
2	GND	37	GND
3	TX0+_DATA	36	RX0+_DATA
4	TX0+_DATA	35	RX0+_DATA
5	GND	34	GND
6	TX1+_DATA	33	RX1+_DATA
7	TX1+_DATA	32	RX1+_DATA
8	GND	31	GND
9	TX2+_DATA	30	RX2+_DATA
10	TX2+_DATA	29	RX2+_DATA
11	GND	28	GND
12	TX3+_DATA	27	RX3+_DATA
13	TX3+_DATA	26	RX3+_DATA
14	GND	25	GND
15	TX4+_DATA	24	RX4+_DATA
16	TX4+_DATA	23	RX4+_DATA
17	GND	17	GND
18	CLK0-	18	CLK0-
19	CLK0+	19	CLK0+
20	CLK1+	20	CLK1+
21	CLK1-	21	CLK1-
22	GND	22	GND
23	RX4+_DATA	16	TX4+_DATA
24	RX4+_DATA	15	TX4+_DATA
25	GND	14	GND
26	RX3+_DATA	13	TX3+_DATA
27	RX3+_DATA	12	TX3+_DATA
28	GND	11	GND
29	RX2+_DATA	10	TX2+_DATA
30	RX2+_DATA	9	TX2+_DATA
31	GND	8	GND
32	RX1+_DATA	7	TX1+_DATA
33	RX1+_DATA	6	TX1+_DATA
34	GND	5	GND
35	RX0+_DATA	4	TX0+_DATA
36	RX0+_DATA	3	TX0+_DATA
37	GND	2	GND
38	I2C_SDA	38	I2C_SDA

360° GROUNDING
TO BACKSHELL
SHIELD-----

360° GROUNDING
TO BACKSHELL
SHIELD-----> SHIELD



DATA SIGNALS TYPE IS DIFFERENTIAL, DATA RATE 6.25Gbits

CLK SIGNALS TYPE IS DIFFERENTIAL, FREQUENCY 3.84MHz (opt. 200MHz).

I2C SIGNALS TYPE IS SINGLE ENDED, DATA RATE 100kbit (100kHz)

MATING LEVEL 1 HAS TO MATE FIRST

MATING LEVEL 1: ALL GROUNDS

MATING LEVEL 3: ALL SIGNALS/DATA/CLK

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chr	-	-			rel level	Released			
appr	Roger Cheng	20130715	product family	QSFPP PLUG					
			title	FINAL ASSEMBLY			dwg no	10110113	rev
www.fci.com			cat. no.	-	Product - Customer Drw			sheet 2 of 3	E

PART NUMBER
10110113-101LF
SEE TABLE

NOTES:

1. MATERIAL:
CASTINGS: ZINC ALLOY WITH PLATING
PULL TAB: THERMO PLASTIC POLYMER
LATCH RELEASE: ZINC DIECAST WITH PLATING
DRIVE SCREWS: STAINLESS STEEL
STRAIN RELIEF COLLAR: BRASS
SPRING: STAINLESS STEEL
LOCTITE
PADDLE CARD: PRINTED CIRCUIT SUBSTRATE
CABLE TO BE UL RECOGNIZED
CONNECTOR SEAL: TBD

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

- ③ 3. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.

- ④ 4. UNLESS OTHERWISE SPECIFIED LABEL POSITION IS TO BE 250mm FROM NOSE OF CONNECTOR.
LABEL DETAILS:

NSN P/N
FFYYWW

FF =FG (FACTORY SYMBOL)
YY =YEAR
WW =WEEK

EXAMPLE:

995298a
FG1046

FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.

- ⑤ 5. ALL CABLE ASSEMBLIES SHALL BE 100% TESTED FOR CONTINUITY AS DEFINED IN WIRING LIST.

6. OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION: GS-12-622 (SECTIONS 6.4 AND 6.5 DO NOT APPLY)

7. 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

8. 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.

9. CABLE ASSEMBLY SHALL MEET THESE NSN STANDARDS:

UL94V-1 CONNECTORS
VW-1 SIGNAL CABLE WIRES
COMPLY WITH NSN SUBSTANCE LIST
INGRESS IP65
UV RESISTANT
OPERATING TEMP RANGE -35°C...+80°C
INSTALLATION TEMP RANGE -20°C...+60°
DIFFERENTIAL IMPEDANCE 100±10Ω

10. MIN. BEND RADIUS: 5 X Ø

11. ALL CABLE ASSEMBLIES ARE TO BE 100% HI-POT TESTED.

12. ALL DIMENSIONS ARE IN MILLIMETERS.

13. CABLE ASSEMBLY SHALL MEET INGRESS PROTECTION REQUIREMENT IP65, IF THE CABLE ASSEMBLY IS CORRECTLY INSTALLED.

- △ 14. CABLE JACKET TO BE 6.9±0.2mm

- △ 15. THIS ASSEMBLY DOESN'T HAVE EEPROM ON PCB SIDE.

- △ 16. THE ORIENTATION OF THE CONNECTOR MUST BE 0±45 DEGREE.
PULL TAB MUST BE AT THE SAME SIDE ACCORDING OF THE DRAWING.

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