

Excellent Integrated System Limited

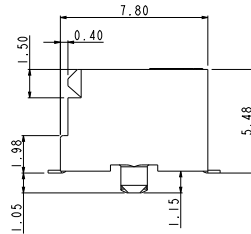
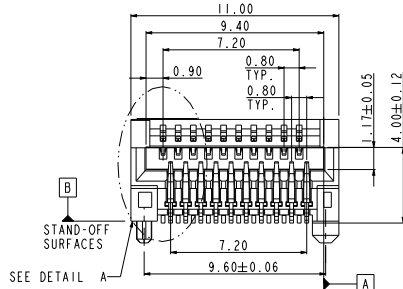
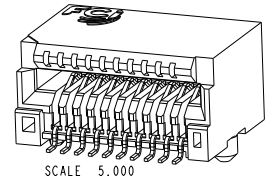
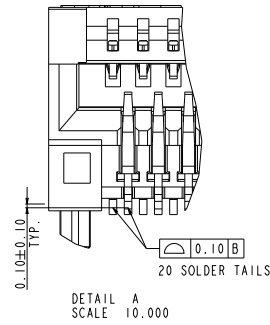
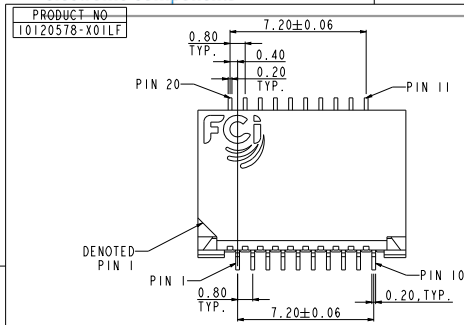
Stocking Distributor

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

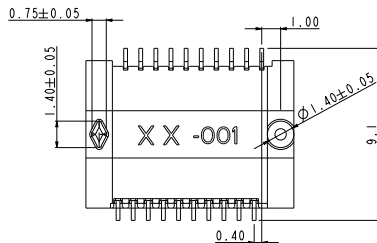
[FCI](#)
[10120578-101LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



- NOTE:**
1. Material:
HOUSING: HIGH TEMPERATURE LCP, BLACK
UL 94 V-0 FLAME RETARDANT.
TERMINAL: NICKEL COPPER ALLOY.
PLATING SPEC AS BELOW:
FOR CONTACT AREA:
-101LF FOR 0.76 MICROMETERS MIN. THICKNESS GXT.
-201LF FOR 0.38 MICROMETERS MIN. THICKNESS GOLD.
-301LF FOR 0.76 MICROMETERS MIN. THICKNESS GOLD..
FOR SOLDER AREA:
MATTE PURE TIN 3 MICROMETERS MIN.
FOR UNDERPLATING:
2.54 MICROMETERS MIN. THICKNESS NICKEL
 2. PACKING SPEC: GS-14-1030.
 3. PRODUCT SPEC: GS-12-557.
 4. PART NUMBER SCHEME: (EX. 10120578-X01LF),
PLEASE FIND THE PAGE 2 FOR OPTIONS.
 5. LEAD FREE NOTES:
5a. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
5b. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
 6. THIS CONNECTOR IS DESIGNED TO WORK WITH RAIL SYSTEM THAT ALLOW THE MODULE TO "FLOAT" IN THE VERTICAL PLANE AND FIND EQUILIBRIUM BETWEEN THE UPPER AND LOWER CONTACT ROWS. THIS CONNECTOR WILL NOT PERFORM PROPERLY IF USED IN SYSTEMS THAT MECHANICALLY BIAS THE MODULE IN THE VERTICAL PLANE SUCH AS RAIL SYSTEMS WITH EMI SPRINGS.



spec ref	*	dr	Cheng-Ping, Qin	201205026	projection	MM	size	A3	scale	5.000
tolerance std	ISO 406	eng	Cheng-Ping, Qin	201205026			ecn no			
ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	Yanyu Qin	201205027			rel level		Released	
		appr	Pei-Ming Zhang	201205027	product family					
surface	linear	0.X	±0.50		title	20 POS. EDGE CARD	dwg no	10120578	rev	A
		0.XX	±0.25			RIGHT ANGLE TYPE, EDGE CARD CONNECTOR				
		0.XXX	±0.10							
ISO 1302	angular	0°	±2°		cat. no.		Product - Customer Drw	sheet 1 of 2		

Print Date - REV C - 2009-04-09

1

2

3

PDS: Rev A

STATUS: Released

Printed: Mar 27, 2012

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

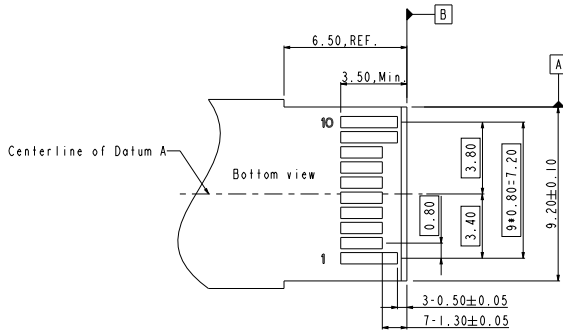
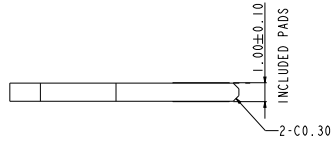
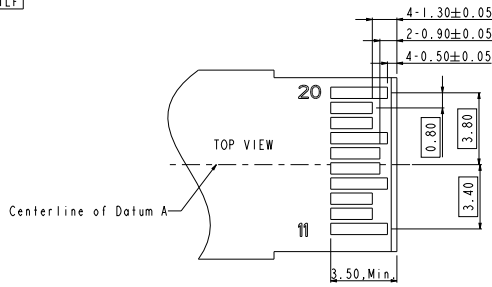
B

C

D

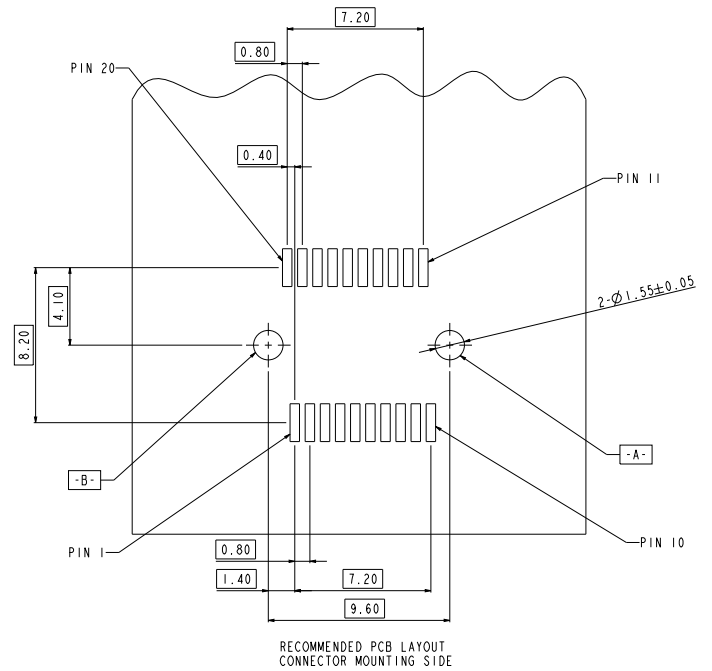
A

PRODUCT NO
10120578-X01LF



RECOMMENDED LAYOUT
MATING PCB SIDE

PART NUMBER	TERMINALS (Contact plating options)	TERMINALS (Underplating and Solder tail plating)	REMARK
10120578-101LF	0.76um, Min. GXT	Underplating: 2.54um Min. Nickel overall. Solder tail: 3um Min. Matte Tin.	
10120578-201LF	0.38um, Min. Gold	Underplating: 2.54um Min. Nickel overall. Solder tail: 3um Min. Matte Tin.	
10120578-301LF	0.76um, Min. Gold	Underplating: 2.54um Min. Nickel overall. Solder tail: 3um Min. Matte Tin.	



spec ref	*	dr	Gu-Feng, Qin	201205026	projection	MM	size	A3	scale	5.000
tolerance std	ISO 406	eng	Gu-Feng, Qin	201205026			ecm no			
ISO 1101		chr	Yanyu, Qin	201205027			rel level			
		appr	Pai-Ming, Zhang	201205027	product family					
surface	linear	0.X	±0.25		title	20 POS. EDGE CARD	dwg no	10120578	rev	A
		0.XX	±0.13			RIGHT ANGLE TYPE, EDGE CARD CONNECTOR				
		0.XXX	±0.05							
ISO 1302	angular	0°	±2°		cat. no.		Product - Customer Drw	sheet 2 of 2		

Print Date - REV C - 2009-04-09

1

2

3

PDS: Rev A

STATUS: Released

Printed: Mar 27, 2012

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B