

Excellent Integrated System Limited

Stocking Distributor

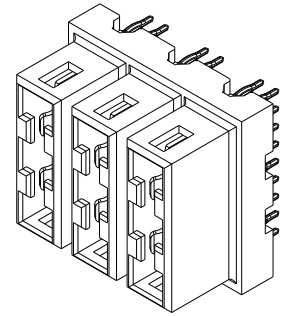
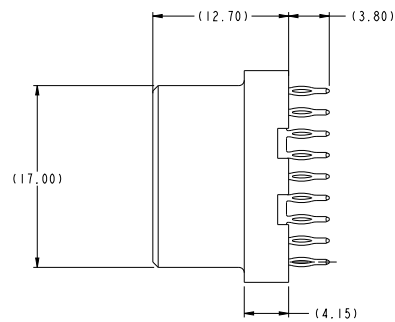
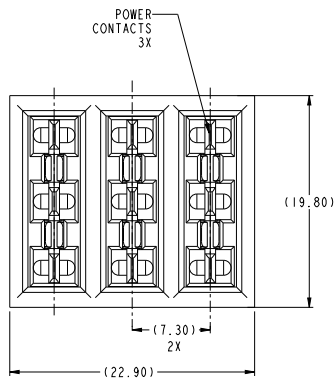
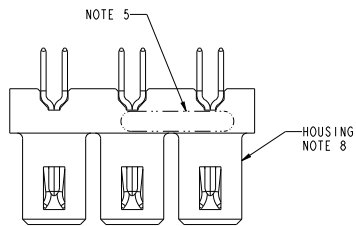
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10078902-001LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PART NUMBER	TAIL PLATING	TAIL TYPE
10078902-001LF	Sn	PRESS-FIT



spec ref	-	dr	10078902-001LF	projection	MM	size	A2	scale	2:1
tolerance std	ASME Y14.5	eng	10078902-001LF	product family	HCI	acc no	10078902-001LF	rel level	Released
surface	linear	0.1	±0.5	FCI	ASSEMBLY, RECEPT, VERT,	10078902			
	linear	0.25	±0.25		3 POSN ISOLATED POWER CONTACT				
	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw	sheet 1 of 2	

PDS: Rev :C

STATUS: Released

Printed: Dec 30, 2014

TOP LAYER DESCRIPTION	TABLE 1 (HCL POWER) PLATED THROUGH-HOLE REQUIREMENTS							
	DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER THICKNESS	FINISHED HOLE DIAMETER
TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	--	--	--	0.65 - 0.80
IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	0.9 - 1.5um	--	0.70 - 0.80
IMMERSION SILVER	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	--	0.15 - 0.65um	0.70 - 0.80
COPPER (SEE NOTE 9)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	--	--	0.70 - 0.80
GOLD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	0.003 - 0.007	FLASH UP TO 0.0002	--	--	0.69 - 0.80

NOTES:

- CONNECTOR MATERIALS:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK
UL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY
- CONTACT FINISH (Ref. GS-12-380 SECTION 5.2)
- PRODUCT SPECIFICATION: GS-12-380.
- APPLICATION SPECIFICATION: GS-20-070.
- PRODUCT MARKING (PRODUCT NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
- MINIMUM NOMINAL PCB THICKNESS: 1.6mm
- PACKAGING MEETS FCI SPECIFICATION GS-14-1194
- HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
- COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
- ALL HOLE SIZES ARE FINISHED HOLE SIZES UNLESS OTHERWISE NOTED.

**RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTE 6**

dr: David Wang	designed: David Wang	projection: MM	size: A2	scale: 6:1
eng: David Wang	checked: David Wang	product family: CONN RECEPT 3POS HI POWER VERT	acc no: 10078902	rel level: Released
app: David Wang	approved: David Wang	FCI ASSEMBLY, RECEPT, VERT, 3 POSN ISOLATED POWER CONTACT 10078902 Product - Customer Draw sheet 2 of 2		

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