

Excellent Integrated System Limited

Stocking Distributor

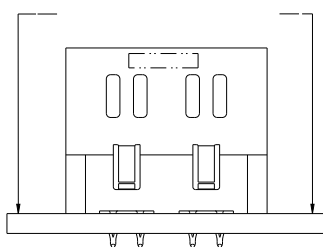
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[FCI](#)
[10127272-001LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

spec. ref. id	dr	author	date	projection	mm	size	scale
tolerance sid	encl	drawing name	20060612			A2	5:1
ISO 406	chr	ISO 406	20060612			ech no	
ISO 1101	app	ISO 1101	20060612			rel level	Released
				product family	CARD EDGE		
surface	linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.10	Amphenol FCI	VERT RECP (8P) HIGH POWER CARD EDGE	10127272		Rev B
ASME Y14.5	angular	Ø° ±0.2		col. no.	Product - Customer Draw	sheet 1 of 3	
5		PDS: Rev B		STATUS: Released	Printed: May 24, 2016		



spec. ref.		drg		projection		mm		size		scale	
tolerance class		eng		first angle				A2		2:1	
ISO 406		technical file						ecc no		N/A (ISO 406:1)	
ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		app		product family		ref. level		Released	
		cnc		Technic file							
		drawing change		00000001							
surface		linear		0.1 ± 0.5		VERT RECP (8P)		10127272		rev	
ASME Y14.5		0.1X ± 0.25		0.1X ± 0.25		HIGH POWER CARD EDGE				B	
angular		0° ± 0.5		0° ± 0.5		cel. no.		Product - Customer Drw		sheet 2 of 3	
		PDS: Rev. B		STATUS: Released						Printed: May 24, 2016	

CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	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
	COPPER (SEE NOTE 8)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80

NOTES:

1. CONNECTOR MATERIALS:

HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
UL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.

2. CONTACT FINISH REF. GS-12-604 SECTION 5.2.

3. PRODUCT SPECIFICATION: GS-12-1261.

4. APPLICATION SPECIFICATION: GS-20-128.

5. PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS AFCE SPECIFICATION: GS-24-007.

6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.

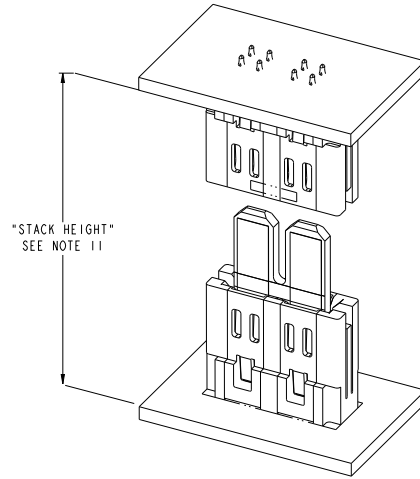
7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

8. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.

9. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

10. INTENDED USE: TWO ASSEMBLIES (P/N 10127272) MEZZANINE STACKED USING PCB TO CONTROL STACK HEIGHT.
DIM "L" + 10.98mm = FINAL MEZZANINE STACK HEIGHT.
DIM "L" RANGES FROM 21.02-31.02 mm IN 1 mm INCREMENTS.

11. SEE DRAWING 10127274 FOR MATING PCB DETAIL.

12. A SYMBOL  WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec. ref.	-	dr.	Amphenol FCI	projection	mm	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Amphenol FCI	mm	acc. no.	rel. level	Released	
surface	linear	0.1 ±0.5 0.25 ±0.25 0.5 ±0.10	ASME Y14.5	angular	0° ±2°	Amphenol FCI	VERT RECP (8P) HIGH POWER CARD EDGE	10127272	rev B
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