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Stocking Distributor

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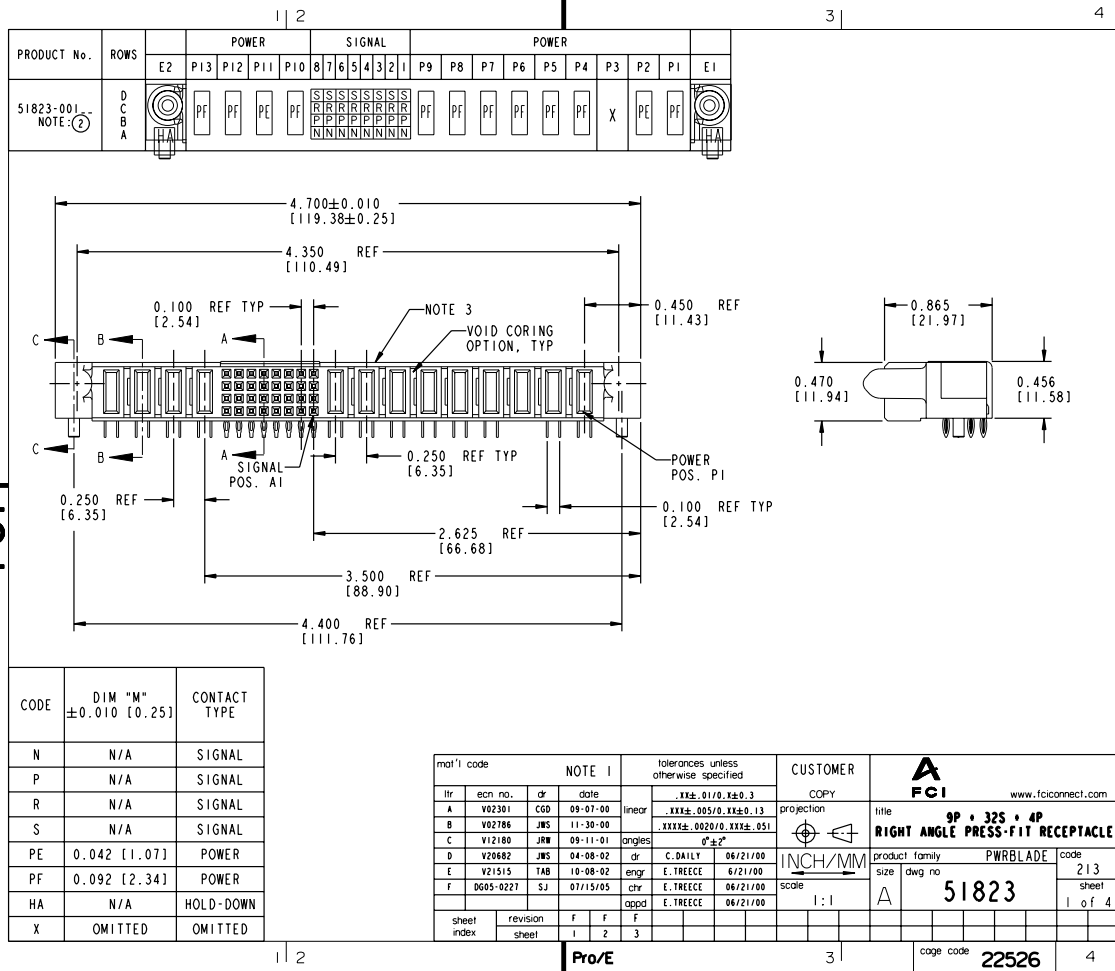
[FCI](#)
[51823-001](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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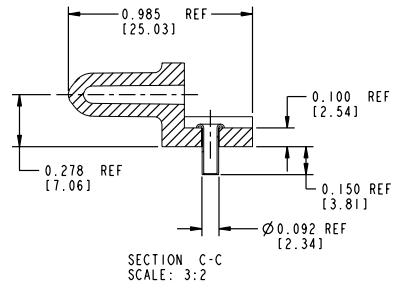
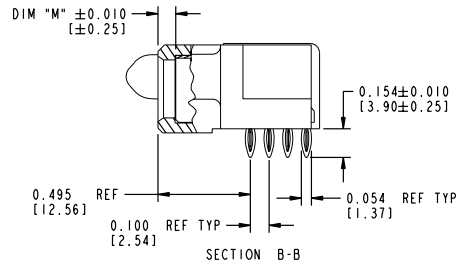
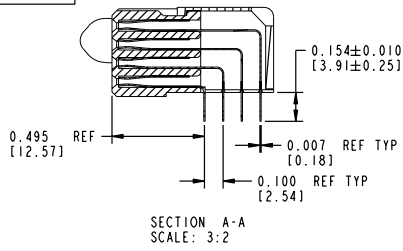
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PRODUCT NUMBER
51823-001..
NOTE: ②



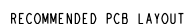
NOTE 1				CUSTOMER	
tolerances unless otherwise specified				FCI	
ltr	ecn no.	dr	date	COPY	title
f				projection	9P + 32S + 4P
					RIGHT ANGLE PRESS-FIT RECEPTACLE
				INCH/MM	product family PWRBLADE
				scale 3:2	code 213
					sheet 2
sheet index	revision sheet				

Pro/E

PDM: Rev:F

STATUS: Released

Printed: Dec 20, 2010



mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ech no.	dr	date	linear angles dr eng chr appd	linear	$\pm .010, \pm .003$ $\pm .005, \pm .003$ $\pm .002, \pm .001$ $\pm .001$		projection  INCH/MM scale 1:1	title 9P • 32S • 4P RIGHT ANGLE PRESS-FIT RECEPTACLE product family size dwg no. A 51823	PWRBLADE code 213 sheet 3	
F											
sheet index	revision	sheet									

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PRODUCT NUMBER

51823-001..
NOTE: ②

CONNECTOR NOTES:

1. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
SIGNAL CONTACT MATERIAL: COPPER ALLOY
POWER CONTACT MATERIAL: COPPER ALLOY

2. PLATING:
51823 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE WHOLE AREA.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

- 51823LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE WHOLE AREA.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51823LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

3. "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE

4. PRODUCT SPECIFICATION GS-12-149

5. USE CAM TOOL NUMBER 166459-003

PCB NOTES:

6. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
7. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
8. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
9. Ø0.098 [2.49] THROUGH HOLES ARE UNPLATED AND ARE USED TO ALIGN PCB WITH FCI INSERTION TOOLING.
10. Ø0.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH 0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu PLATING TO ACHIEVE A Ø0.040±0.003 [1.02±.07] HOLE.

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mat'l code				4	tolerances unless otherwise specified			CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	$.XX\pm.01/0.XX\pm0.3$			COPY		title	
F					$.XXX\pm.005/0.XX\pm0.13$			projection		9P x 32S x 4P	
				angles	$.XXX\pm.0020/0.XX\pm.051$					RIGHT ANGLE PRESS-FIT RECEPTACLE	
					$\phi\pm2^\circ$					product family	
				dr	C.DAILY	06/21/00	INCH/MM		PWRBLADE		code
				engr	E.TREECE	6/21/00	scale		size		213
				chr	E.TREECE	06/21/00	1:1		dwg no		sheet
				appd	E.TREECE	06/21/00			A		4
sheet index		revision sheet								51823	

Pro/E

code code 22526

PDM: Rev:F

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