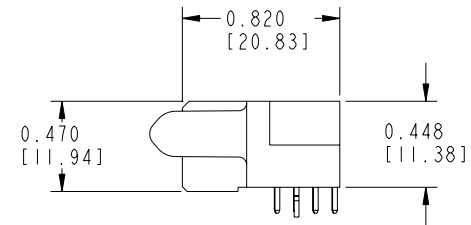
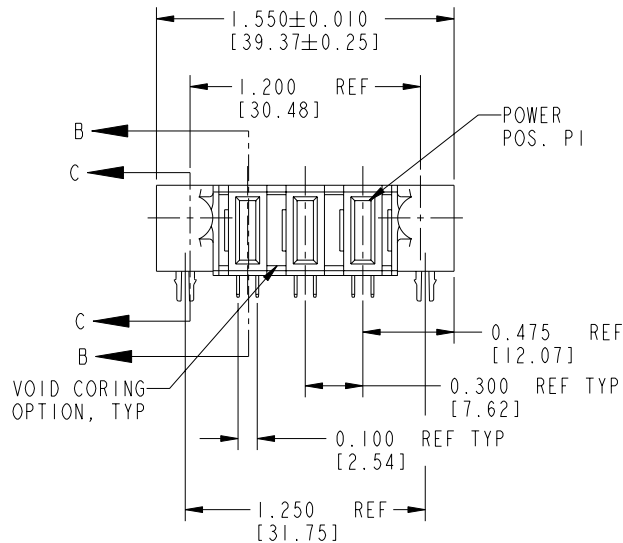


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FCI

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PRODUCT No.	ROWS	POWER				
		E2	P3	P2	P1	E1
51820-001	D C B A		PC	PA	PC	
NOTE: (2)						



CODE	DIM "M"	CONTACT TYPE
	± 0.010 [0.25]	
PA	0.042 [1.07]	POWER
PC	0.092 [2.34]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear		$.XX \pm .01 / 0.X \pm 0.3$		projection	COPY	www.fciconnect.com	
A	V12104	JWS	7/23/01			$.XXX \pm .005 / 0.XX \pm 0.13$				title	
B	V21515	TAB	10/08/02			$.XXX \pm .0020 / 0.XX \pm 0.051$				3ACP	
C	DG05-0260	SJ	08/01/05		angles	$0^\circ \pm 2^\circ$				RIGHT ANGLE SOLDER RECEPTACLE	
				dr	J. SHAFFER	7/23/01		scale	1:1	product family	
				enrg	J. ALLISON	7/23/01				PwrBlade	
				chr	J. ALLISON	7/23/01				code	
				appd	J. ALLISON	7/23/01				213	
sheet index	revision sheet	C	C							size	dwg no
		1	2							A	51820-001
										sheet	of 3

Pro/E

3

cage code 22526

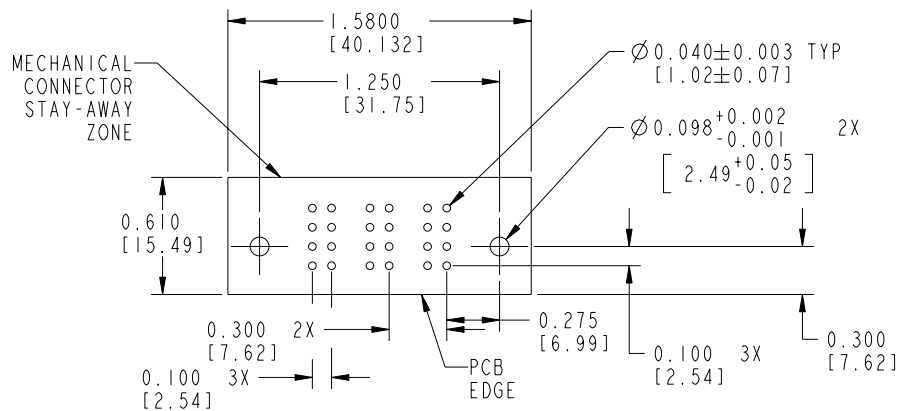
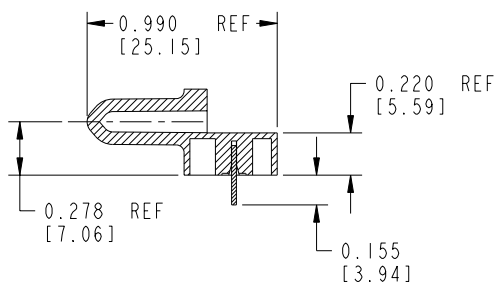
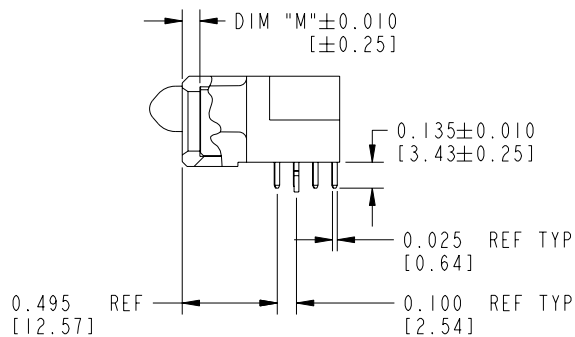
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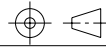
PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51820-001--
NOTE: ②



mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date					COPY			
B				linear		.XX ± .01 / 0.X ± 0.3		projection		title	3ACP
				angles		.XXX ± .005 / 0.XX ± 0.13				RIGHT ANGLE SOLDER RECEPTACLE	
						.XXX ± .0020 / 0.XX ± 0.051		INCH/MM		product family	PwrBlade
				dr	J. SHAFFER	7/23/01		scale		size	213
				engr	J. ALLISON	7/23/01		1:1		dwg no	2
				chr	J. ALLISON	7/23/01				A 51820-001	
				appd	J. ALLISON	7/23/01					
sheet index	revision sheet									cage code	22526

Pro/E

PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51820-001--
NOTE: ②

CONNECTOR NOTES:

1. FOR ADDITIONAL INFORMATION, REFER TO DRAWING NUMBER 51820.

2. PLATING:

51820-001 Singal 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.
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.

51820-001LF Singal 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.
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 51820-001LF 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.

PCB NOTES:

3. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
4. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
5. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
6. Ø*** THROUGH HOLES ARE UNPLATED.
7. 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 Ø*** HOLE.

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mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI			
ltr	ecn no.	dr	date					COPY		www.fciconnect.com			
B				linear	.XX±.01/0.X±0.3			projection		title 3ACP			
					.XXX±.005/0.XX±0.13					RIGHT ANGLE SOLDER RECEPTACLE			
				angles	.XXX±.0020/0.XX±0.051					product family PwrBlade			
					0°±2°					code 213			
				dr	J. SHAFFER	7/23/01		INCH/MM		size			
				enrg	J. ALLISON	7/23/01				dwg no			
				chr	J. ALLISON	7/23/01				A 51820-001			
				appd	J. ALLISON	7/23/01		scale	1:1	sheet 3			
sheet index		revision sheet											