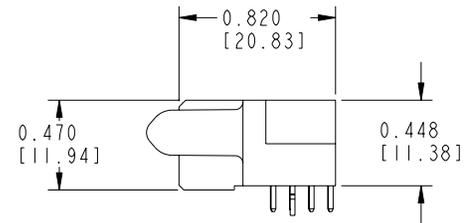
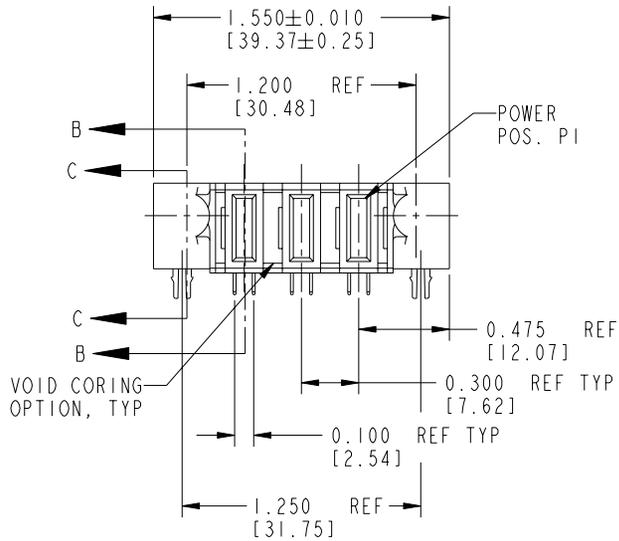


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PRODUCT No.	ROWS	POWER				
		E2	P3	P2	P1	E1
51820-001 NOTE: (2)	D C B A		PC	PA	PC	



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 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	3ACP RIGHT ANGLE SOLDER RECEPTACLE
A	V12104	JWS	7/23/01		.XXX±.005/0.XX±0.13	projection			
B	V21515	TAB	10/08/02	angles	.XXX±.0020/0.XXX±0.051	scale		product family	PwrBlade
C	DG05-0260	SJ	08/01/05		0°±2°	1:1			
sheet index		revision sheet	C	C	dr	J. SHAFFER	7/23/01	size	dwg no
1		2	1	2	enrg	J. ALLISON	7/23/01	A	51820-001
					chr	J. ALLISON	7/23/01	sheet	
					appd	J. ALLISON	7/23/01	1 of 3	
								cage code	
								22526	

Pro/E

3

cage code 22526

4

PDM: Rev:C

STATUS: **Released**

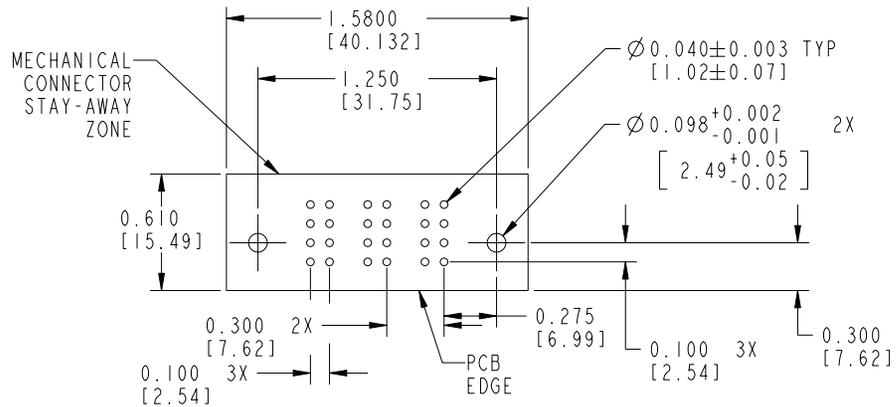
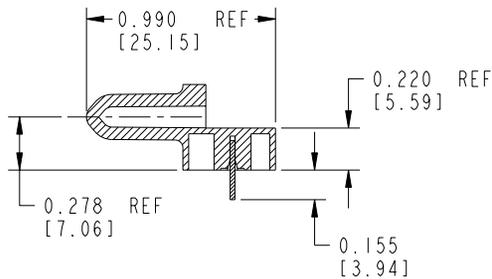
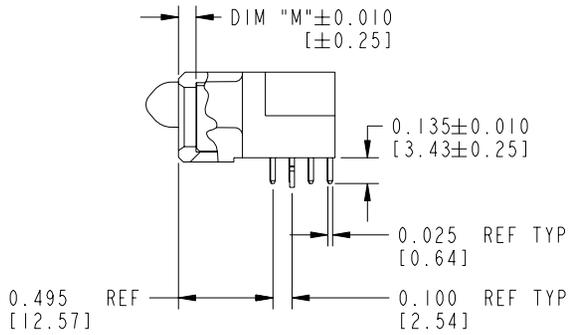
Printed: Dec 20, 2010

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PRODUCT NUMBER
51820-001--
NOTE: ②



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

Pro/E

cage code 22526

PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010

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B

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.

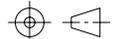
PCB NOTES:

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.

A

B

CONFIDENTIAL

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

1 | 2

3 |

4

1 | 2

Pro/E

3 |

cage code 22526

4

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI:

[51820-001](#) [51820-001LF](#)