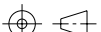


401

B

CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	N/A [N/A]	SIGNAL
F	N/A [N/A]	SIGNAL
G	N/A [N/A]	SIGNAL
H	N/A [N/A]	SIGNAL
PA	.042 [1.07]	POWER
PC	.092 [2.34]	POWER
HA	N/A [N/A]	HOLD-DOWN

maj' code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				www.fciconnect.com					
lfr	ecn no.	dr	date	linear	$.XX \pm .01/0.X \pm 0.3$				projection												
A	V21205	CGD	07/22/02		$.XXX \pm .005/0.XX \pm 0.13$																
B	DG05-0353	CS	09/26/05		$.XXX \pm .0020/0.XXX \pm 0.051$																
				angles	$0^\circ \pm 2^\circ$																
				dr	C. DAILY	07/22/02															
				engr	M. MOSTOLLER	07/22/02															
				chr	M. MOSTOLLER	07/22/02															
				appd	M. MOSTOLLER	07/22/02		scale	1:1												
sheet index		revision sheet		B	B	B	B														
				1	2	3	4														
Pro/E										3				cage code				22526		4	

Pro/E

STATUS: **Released**

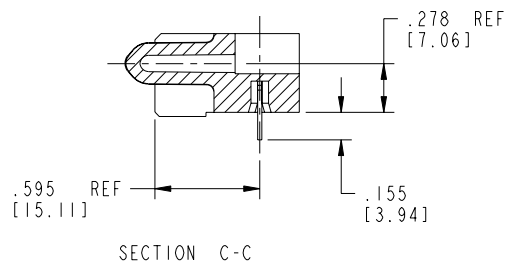
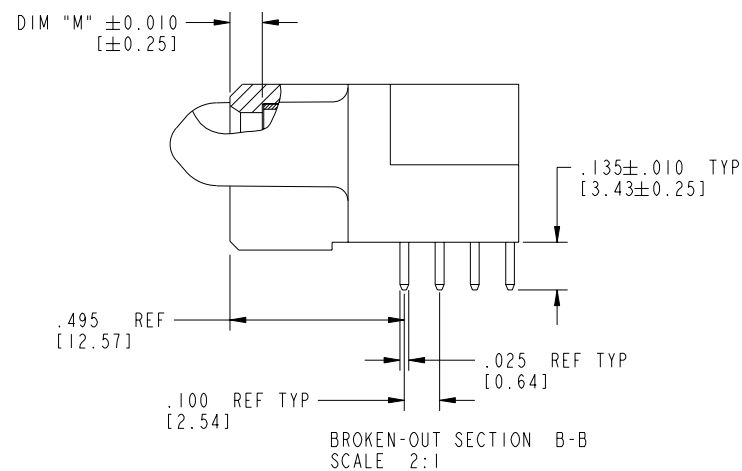
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AFI

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51915-012--
NOTE:3



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
ltr		ecn no.		dr		date		linear		$.XX \pm .01/0.XX \pm 0.3$ $.XXX \pm .005/0.XX \pm 0.13$ $.XXX \pm .0020/0.XX \pm 0.051$		projection				title		4P + 24S + 3ACP	
B								angles		$0^\circ \pm 2^\circ$				R/A SOLDER RECEPTACLE		product family		PwrBlade	
								dr		C. DAILY		07/22/02		INCH/MM		size		dwg no	
								enrg		M. MOSTOLLER		07/22/02		scale		A		51915-012	
								chr		M. MOSTOLLER		07/22/02		1:1					
								appd		M. MOSTOLLER		07/22/02							
sheet		revision																	
index		sheet																	
Pro/E								3				cage code				22526			
																4			

Printed: Aug 15, 2007

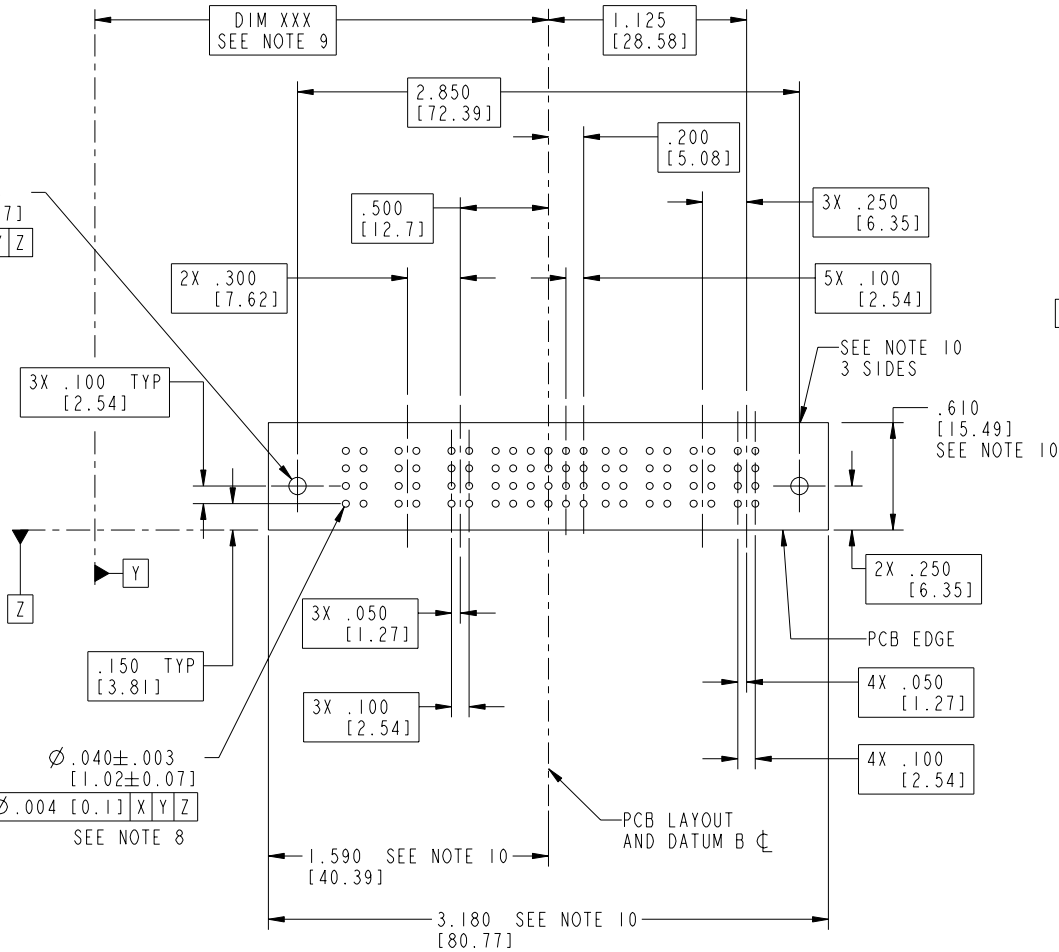
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PRODUCT NUMBER
51915-012--
NOTE: 3

$\varnothing .098 \pm .003$
[2.49 ± 0.07]
 $\varnothing .004$ [0.1] X Y Z
SEE NOTE 7



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX ± .01/0.X ± 0.3	COPY		title 4P + 24S + 3ACP	
B				linear	.XXX ± .005/0.XX ± 0.13	projection		R/A SOLDER RECEPTACLE	
				angles	.XXXX ± .0020/0.XXX ± 0.051	$0^\circ \pm 2^\circ$		product family PwrBlade	
				dr	C. DAILY 07/22/02	INCH/MM		code 213	
				engr	M. MOSTOLLER 07/22/02	scale 1:1		size dwg no 51915-012	
				chr	M. MOSTOLLER 07/22/02			sheet 3 of 4	
				appd	M. MOSTOLLER 07/22/02				
sheet index	revision	sheet							

cage code 22526 4

PDM: Rev:B

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51915-012__
NOTE:3

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

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

51915-012 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.

51915-012LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON 1THE 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 51915-012LF 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.

4. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

(7.) MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8. $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
 $.0003$ [0.008] MIN SnPb OVER $.001$ [0.03]
TO $.003$ [0.08] Cu PLATING TO ACHIEVE
 $\varnothing .040 \pm .003$ [1.02 $\pm$.07] HOLE.

(9.) "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

(10.) CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
ltr		ecn no.		dr		date		linear		.XX±.01/0.XX±0.3				COPY					
B										.XXX±.005/0.XX±0.13				projection					
										.XXX±.0020/0.XX±0.051									
								angles		0°±2°				INCH/MM					
								dr		C. DAILY		07/22/02		scale					
								enrg		M. MOSTOLLER		07/22/02							
								chr		M. MOSTOLLER		07/22/02							
								appd		M. MOSTOLLER		07/22/02							
sheet index		revision sheet																	
Pro/E								3				cage code				22526			
																4			

Pro/E

3

4

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