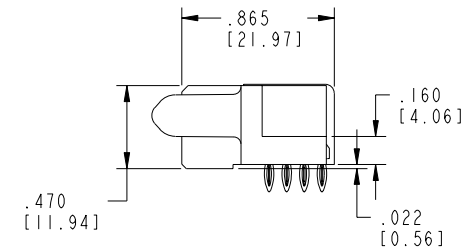
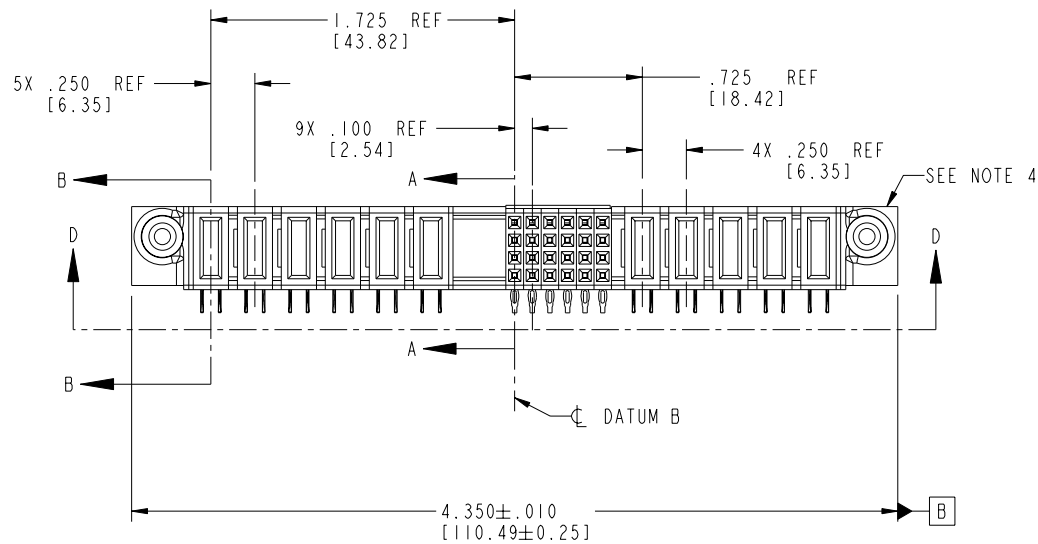
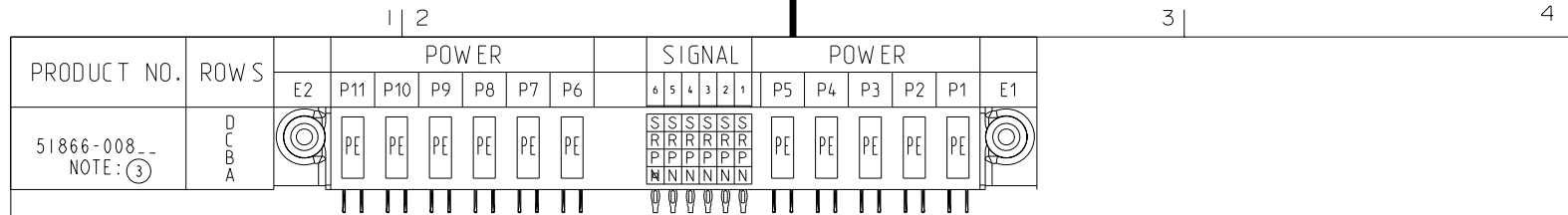


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor.
Property of FCI. Copyright FCI.

AFI



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
N	N/A [N/A]	SIGNAL
P	N/A [N/A]	SIGNAL
R	N/A [N/A]	SIGNAL
S	N/A [N/A]	SIGNAL
PE	.042 [.07]	POWER

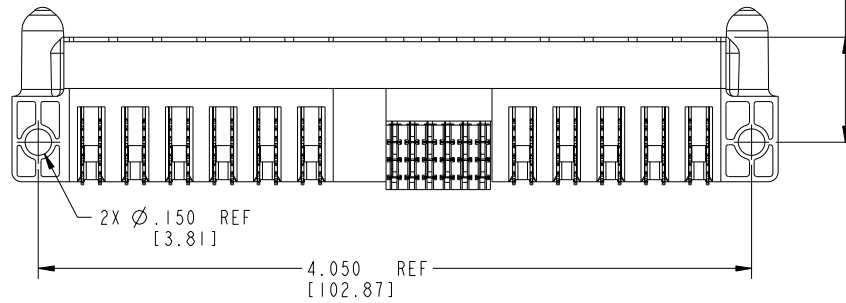
mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com							
ltr		ecn no.		dr		date		linear		.XX±.01/0.X±0.3		COPY		projection		title5P + 24S + 1M + 6P R/A PRESS FIT RECEPT.							
A		VI2545		JWS		11/29/01				.XXX±.005/0.XX±0.13		INCH/MM											
B		DG05-0232		SJ		07/20/05				.XXX±.0020/0.XXX±0.051		scale											
								angles		0°±2°						product family		PwrBlade		code			
								dr		J. SHAFFER		11/29/01								213			
								engr		J. ALLISON		11/29/01								sheet			
								chr		J. ALLISON		11/29/01								1 of 4			
								appd		J. ALLISON		11/29/01											
sheet index		revision sheet		B1		B2		B3		B4													
Pro/E								3				cage code				22526				4			

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de FCI. Droits de reproduction FCI.

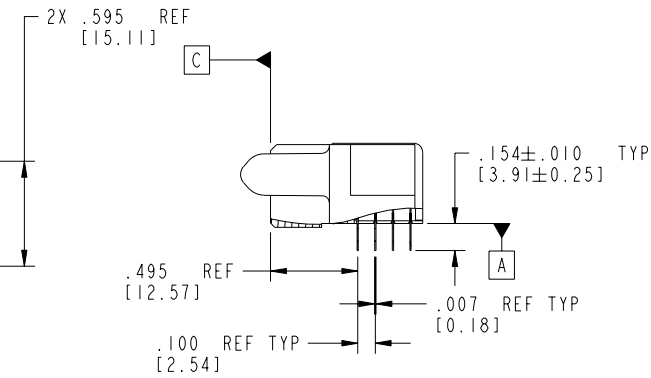
FCI

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

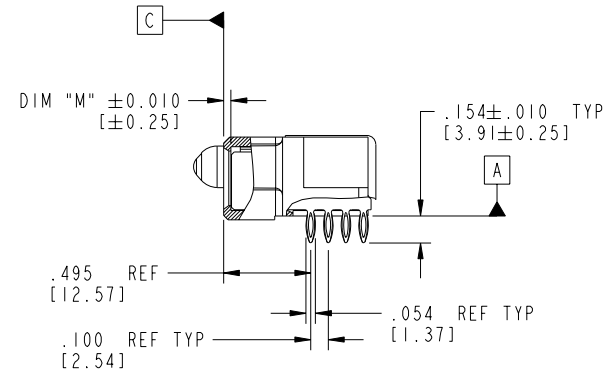
PRODUCT NUMBER
51866-008_-
NOTE: (3)



VIEW D-D



SECTION A-A



SECTION B-B

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	projection	COPY	title	5P + 24S + 1M + 6P
B				linear	.XXX±.005/0.XX±0.13			R/A PRESS FIT RECEPT.	
				angles	.XXX±.0020/0.XXX±0.051			product family	PwrBlade
				dr	J. SHAFFER 11/29/01	INCH/MM		size	213
				engr	J. ALLISON 11/29/01	scale		dwg no	2 of 4
				chr	J. ALLISON 11/29/01	1:1		51866-008	
				appd	J. ALLISON 11/29/01				
sheet index	revision sheet							cage code	22526

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.

A
FCI

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not written authority from the proprietor. Property of FCI. Copyright FCI.

B

PRODUCT NUMBER

51866-008_-
NOTE: ③

NOTES:

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

CONNECTORS NOTES:

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

③ PLATING:

51866-008 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.

51866-008LF 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 51866-008LF 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" NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.

⑤ PRODUCT SPECIFICATION GS-12-149.

PCB - NOTES:

⑥ ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. HOLD DOWN THROUGH HOLES ARE UNPLATED.

8. $\varnothing.0453 \pm 0.0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
0.0003 [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. USE FCI CAM TOOL 430140-XXX TO APPLY
CONNECTOR TO PCB.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI			
ltr				ecn no.				dr				date				www.fciconnect.com			
B												COPY							
								linear				.XX+ .01/0.X+0.3				projection			
												.XXX+ .005/0.XX+0.13				title			
								angles				.XXX+ .0020/0.XXX+0.051				5P + 24S + 1M + 6P			
												0° ± 2°				R/A PRESS FIT RECEPT.			
								dr				J. SHAFFER 11/29/01				product family			
								enrg				J. ALLISON 11/29/01				PwrBlade			
								chr				J. ALLISON 11/29/01				size			
								appd				J. ALLISON 11/29/01				dwg no			
																A			
																51866-008			
																sheet			
																213			
																4 of 4			
sheet index				revision				sheet											

B

1 | 2

Pro/E

3 |

cage code 22526

4

PDM: Rev:B

STATUS:Released

Printed: Dec 20, 2010