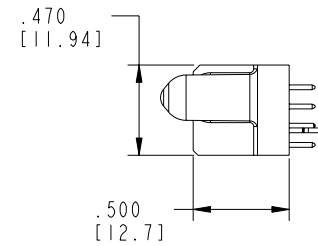
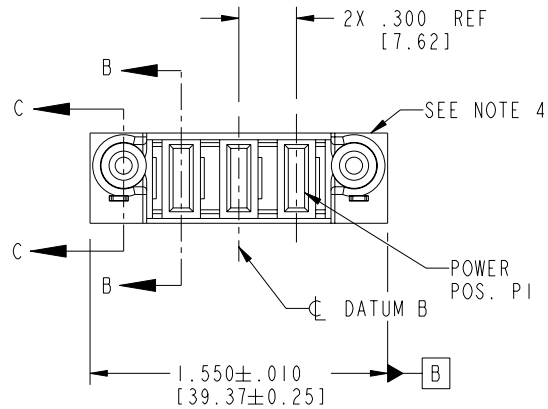


Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.

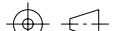
FCI

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 NO.	POWER				
	E2	P3	P2	P1	E1
51816-001-- NOTE: ③		PA	PD	PA	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	.042 [1.07]	POWER
PD	.092 [2.34]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				<div><div>A</div><div>FCI</div><div>www.fciconnect.com</div></div>			
ltr		ecn no.		dr		date		linear		COPY				<div>projection</div> <div></div>					
A		V10970		CGD		03/05/01				.XX±.01/0.X±0.3									
B		V03-1324		TAB		12/12/03				.XXX±.005/0.XX±0.13									
C		DG05-0295		CS		08/25/05		angles		.XXX±.0020/0.XXX±0.051				<div>INCH/MM</div> <div>scale 1:1</div>					
										0°±2°									
								dr		C. DAILY 03/05/01				product family PwrBlade					
								enrg		J. DODDS 03/05/01									
								chr		J. DODDS 03/05/01									
								appd		J. DODDS 03/05/01				size		dwg no		code	
														A		51816-001		213	
sheet index		revision sheet		C 1		C 2		C 3		C 4								sheet 1 of 4	

Pro/E

cage code 22526

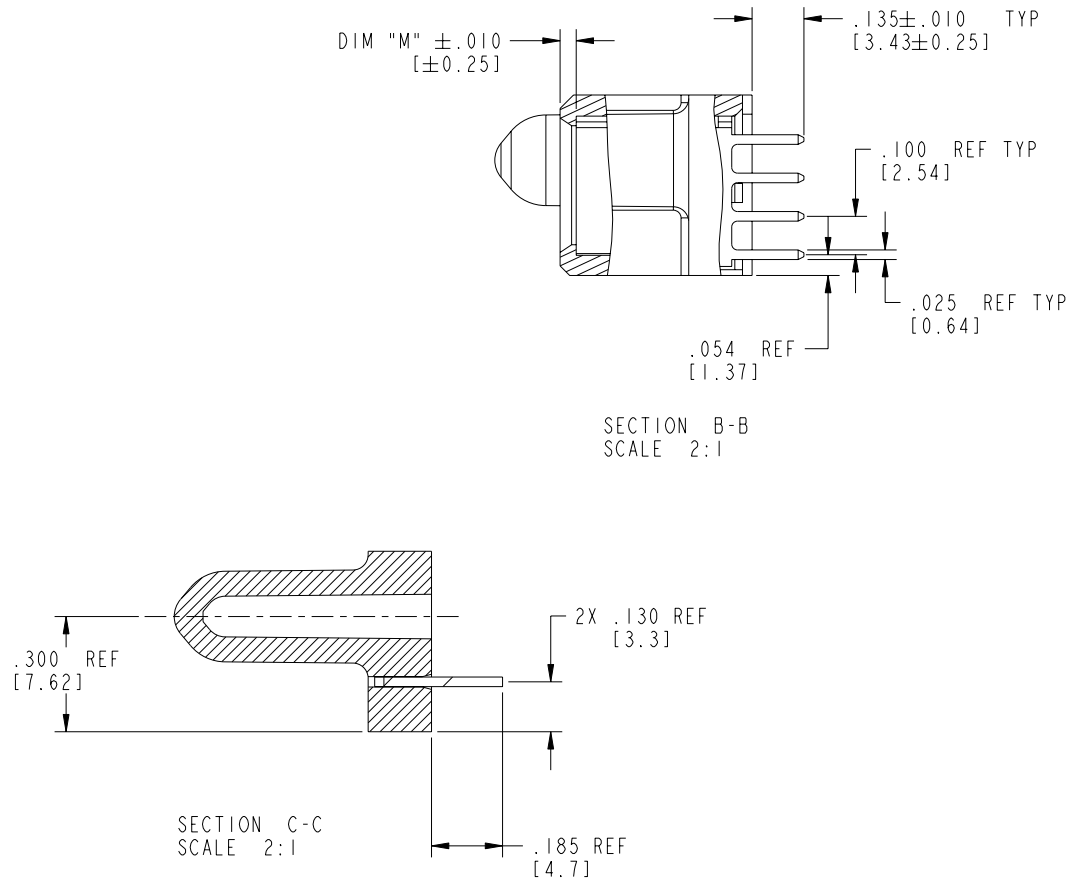
PDM: Rev:C


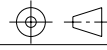
STATUS: Released

Printed: Dec 20, 2010

FCI

PRODUCT NUMBER
51816-001--
NOTE: ③



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date					COPY			
C				linear		$.XX \pm .01 / 0.X \pm 0.3$		projection		title	3ACP
						$.XXX \pm .005 / 0.XX \pm 0.13$				VERTICAL SOLDER RECEPT	
				angles		$.XXX \pm .0020 / 0.XX \pm 0.051$		INCH/MM		product family	PwrBlade
				dr	C. DAILY	03/05/01		scale		size	213
				enr	J. DODDS	03/05/01		1:1		dwg no	2 of 4
				chr	J. DODDS	03/05/01				A 51816-001	
				appd	J. DODDS	03/05/01					
sheet index	revision sheet									cage code	22526

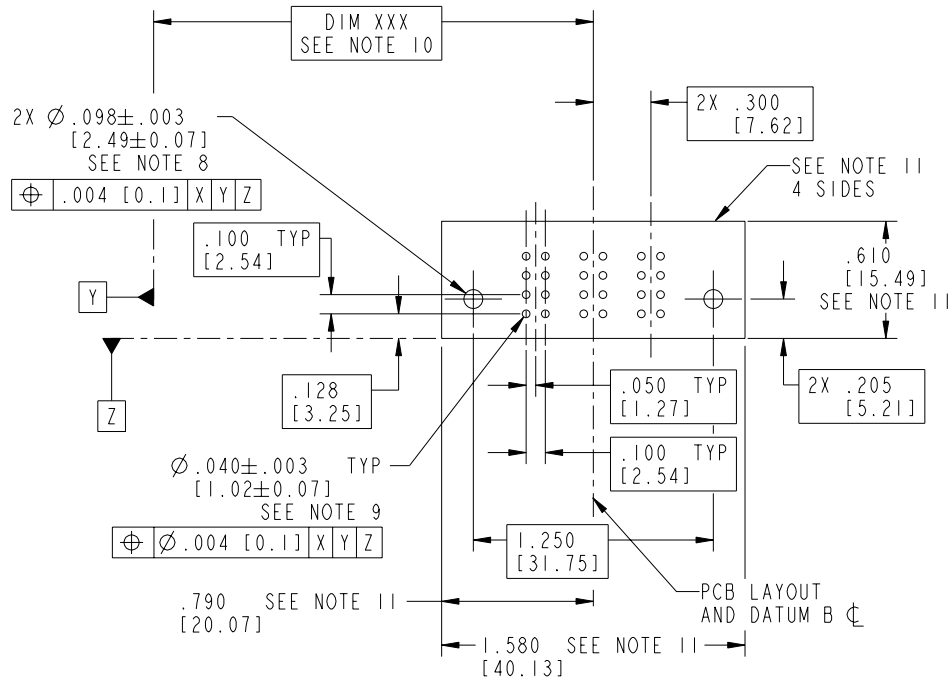
Pro/E



PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51816-001--
NOTE: ③



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		<div><div><div>A</div><div>FCI</div></div><div>www.fciconnect.com</div></div>			
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	projection		title			
C					.XXX±.005/0.XX±0.13			3ACP			
					.XXX±.0020/0.XXX±0.051			VERTICAL SOLDER RECEPT			
				angles	0°±2°	INCH/MM		product family		PwrBlade	code
		dr	C. DAILY	03/05/01	scale			1:1	size	dwg no	213
		engr	J. DODDS	03/05/01					A	51816-001	sheet
		chr	J. DODDS	03/05/01							3 of 4
		appd	J. DODDS	03/05/01							
sheet index		revision sheet									

Pro/E

PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51816-001--
NOTE:③

NOTES:

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

CONNECTOR NOTES:

② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED

HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING:

51816-001 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.

51816-001LF 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 51816-001LF 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.

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.

6. PACKAGED IN TRAYS.

PCB NOTES:

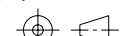
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑧ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑨ $\varnothing .0453 \pm .0010$ [1.151 ± 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.

⑩ "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

⑪ CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		<div><div>A</div><div>FCI</div><div>www.fciconnect.com</div></div>	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY			title	
C					.XXX±.005/0.XX±0.13					3ACP	
					.XXX±.0020/0.XXX±0.051					VERTICAL SOLDER RECEPT	
				angles	0°±2°						
				dr	C. DAILY	03/05/01	INCH/MM		product family		code
				enr	J. DODDS	03/05/01	←		PwrBlade		213
				chr	J. DODDS	03/05/01	scale		size		sheet
				appd	J. DODDS	03/05/01	1:1		dwg no		4 of 4
sheet index		revision sheet									

Mouser Electronics

Authorized Distributor

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

[FCI / Amphenol:](#)

[51816-001LF](#)