

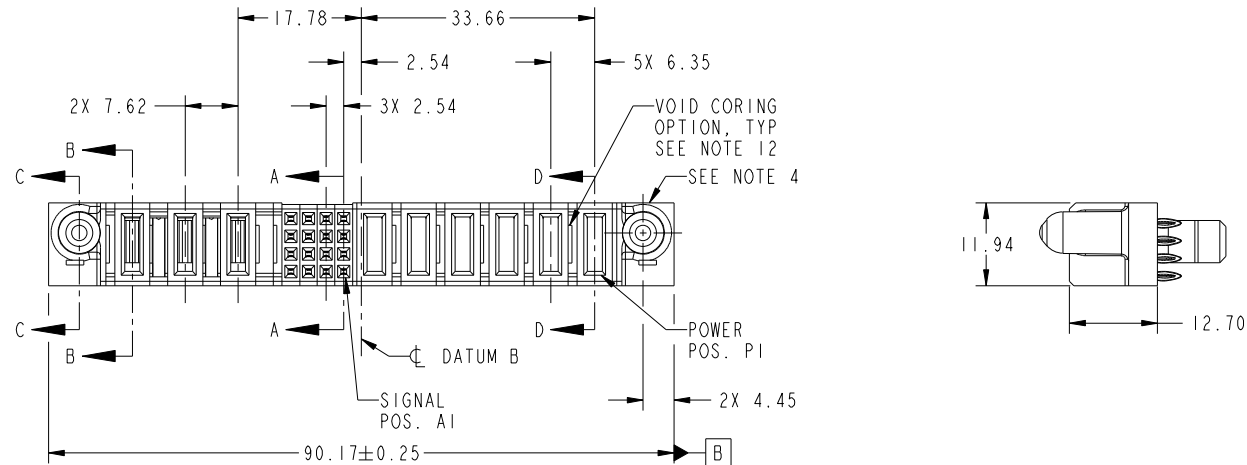
Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du proprietaire. Propriete de c FCI. Droits de reproduction FCI.



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.

CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PF	[2.34]	POWER
F	[N/A]	SIGNAL
PH	[2.34]	POWER
PG	[1.07]	POWER

PRODUCT NO.	ROWS	POWER				SIGNAL				POWER						E1
		E2	P9	P8	P7	4	3	2	1	P6	P5	P4	P3	P2	P1	
51927-009-- NOTE: 3	D C B A		 PH	 PH	 PG	 F	 F	 F	 F	 PF	 PF	 PF	 PF	 PF	 PF	



mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	DG10-0013	WD	01/12/10	linear		0.X ±0.5		projection		title 6P + 16S + 3CP	
B	DG10-0131	WD	04/07/10			0.XX ±0.25				VERTICAL PRESS-FIT RECEPT	
				angles		0.XXX ±0.1				product family PwrBlade	
				dr	Warren Du	12/21/09		MIM		size	code 213
				enrg	Warren Du	12/21/09				dwg no	sheet 1 of 4
				chr	PM ZHENG	12/21/09		scale		51927-009	
				appd	Joseph Hsia	12/21/09		1:1			
sheet index	revision sheet	B	B	B	B						
		1	2	3	4						

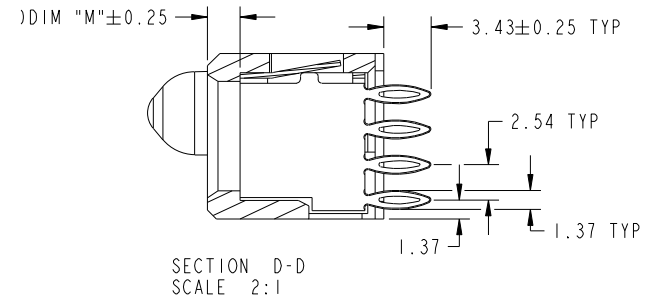
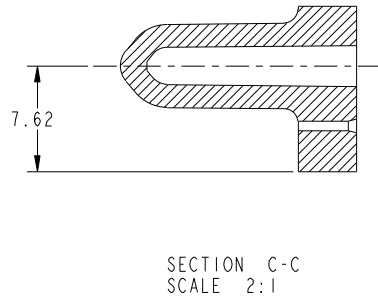
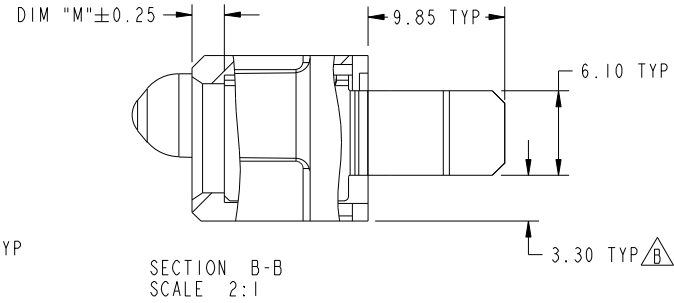
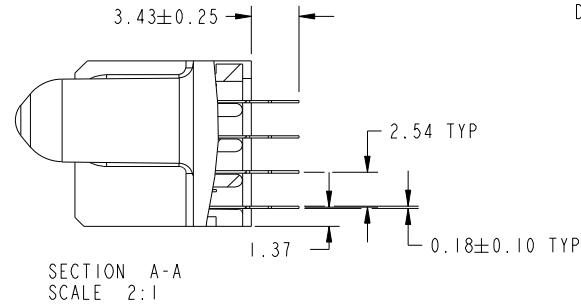
cage code 22526

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.



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
51927-009--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
B					0.XX ±0.25	projection		title	6P + 16S + 3CP
				angles	0.XXX ±0.1				VERTICAL PRESS-FIT RECEPT
					0° ±2°			product family	PwrBlade
				dr	Warren Du 12/21/09			size	213
				enrg	Warren Du 12/21/09			dwg no	51927-009
				chr	PM ZHENG 12/21/09			sheet	2 of 4
				appd	Joseph Hsia 12/21/09				
sheet index	revision sheet					scale	1:1		
								cage code	22526

Pro/E

PDM: Rev:B

STATUS:Released

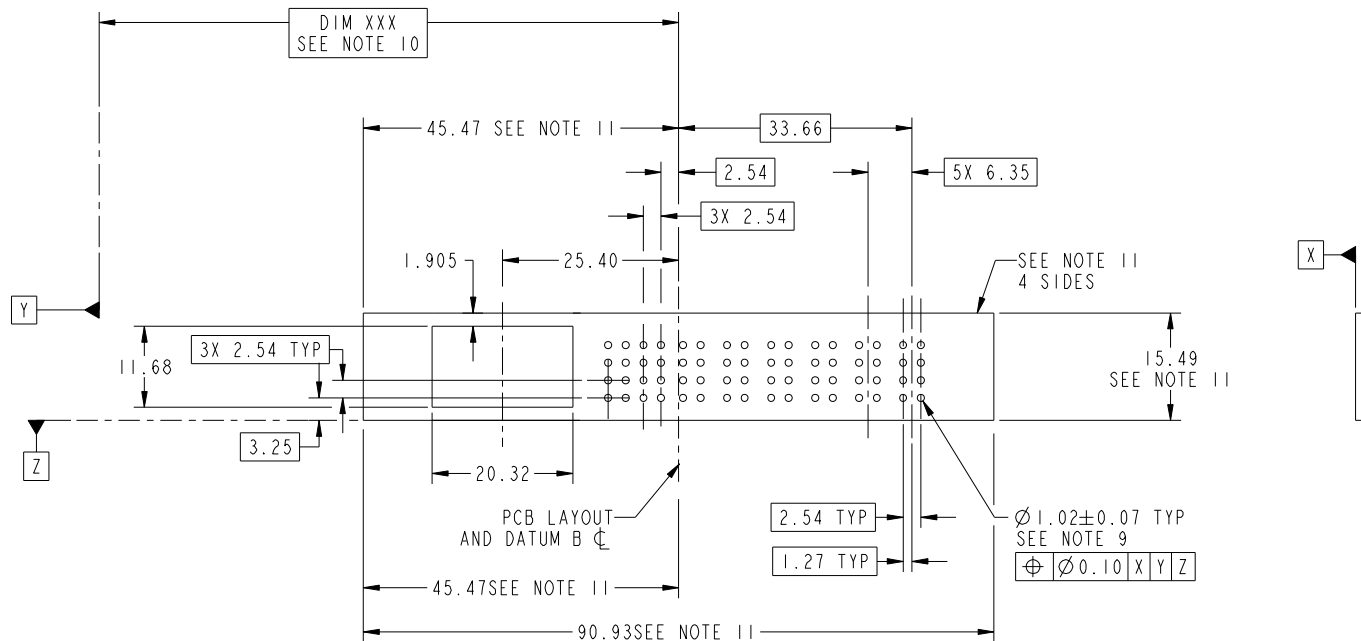
Printed: Dec 20, 2010

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.



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
51927-009--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecr no.	dr	date	linear	0.X ± 0.5	COPY		www.fciconnect.com	
B				linear	0.XX ± 0.25	projection		title 6P + 16S + 3CP	
				angles	0.XXX ± 0.1			VERTICAL PRESS-FIT RECEPT	
				dr	0° ± 2°			product family PwrBlade	
				enrg	Warren Du 12/21/09			code 213	
				chr	Warren Du 12/21/09			size dwg no	
				appd	PM ZHENG 12/21/09			A 51927-009	
					Joseph Hsia 12/21/09			sheet 3 of 4	
sheet index	revision sheet					scale			
						1:1			

Pro/E

cage code 22526

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.



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
51927-009_- 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. SEE ITEM 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51927-009 AND 51927-009LF RESPECTIVELY.

- 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 $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.

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

- 11 CONNECTOR KEEP-OUT ZONE.

12. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

13. A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				tolerances unless otherwise specified		CUSTOMER	
litr	ecn no.	dr	date		0.X $\pm$ 0.5	COPY	 www.fciconnect.com
B				linear	0.XX $\pm$ 0.25	projection	
				angles	0.XXX $\pm$ 0.1		
				dr	0° $\pm$ 2°		title 6P + 16S + 3CP VERTICAL PRESS-FIT RECEPT
				enrg	Warren Du 12/21/09		product family PwrBlade
				chr	Warren Du 12/21/09		code 213
				appd	PM ZHENG 12/21/09	scale 1:1	size A
					Joseph Hsia 12/21/09		dwg no 51927-009
sheet index	revision sheet						sheet 4 of 4

cage code 22526

Mouser Electronics

Authorized Distributor

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

[FCI / Amphenol:](#)

[51927-009LF](#)