

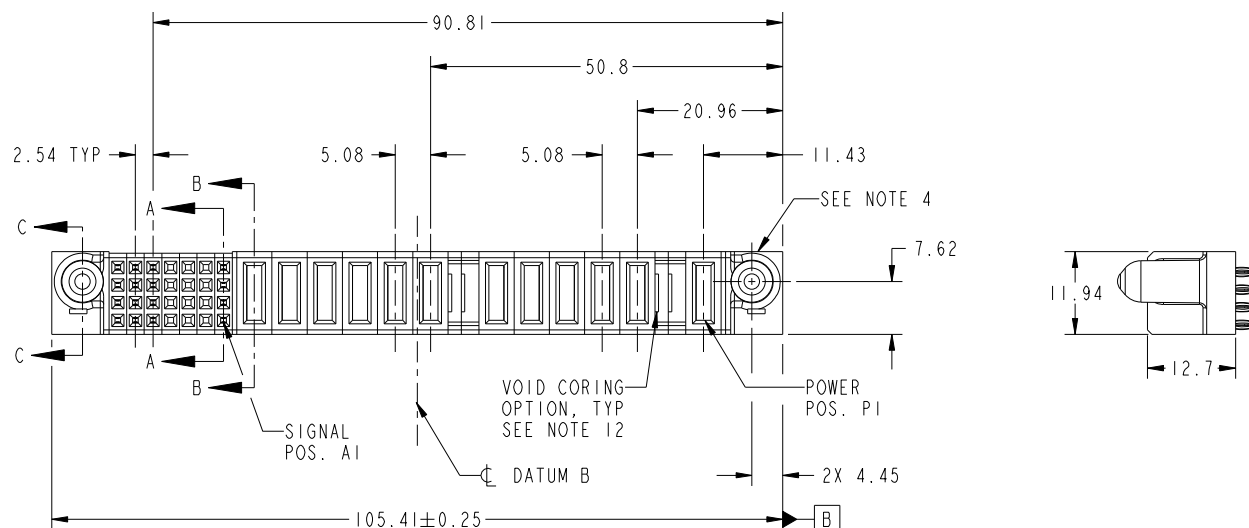
Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du proprietaire. Propriete de c FCI. Droits de reproduction FCI.



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
F	[N/A]	SIGNAL
PF	[2.34]	POWER
PC	[1.07]	POWER
X	OMITTED	

PRODUCT NO.	ROWS	SIGNAL												POWER												E1
		E2	7	6	5	4	3	2	1	P12	P11	P10	P9	P8	P7		P6	P5	P4	P3	P2		P1			
51940-271-- NOTE: 3	D C B A		F	F	F	F	F	F	F	PF	PF	PF	PF	PF	PF		PC	PC	PC	PC	PC		PC			



mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
lrr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	DG09-0058	WD	03/05/09	linear		0.X ± 0.5		projection		title 12P + 28S	
						0.XX ± 0.25				VERTICAL PRESS-FIT RECEPT	
				angles		0.XXX ± 0.1				product family PwrBlade	
				dr	Warren Du	11/17/08				code 213	
				enr	Warren Du	11/17/08				size 1 of 4	
				chr	Gary Hsieh	11/17/08				dwg no 51940-271	
				appd	Joseph Hsia	11/17/08				sheet 1 of 4	
sheet index	revision sheet	A	A	A	A	A	A	scale 1:1		cage code 22526	
		1	2	3	4						

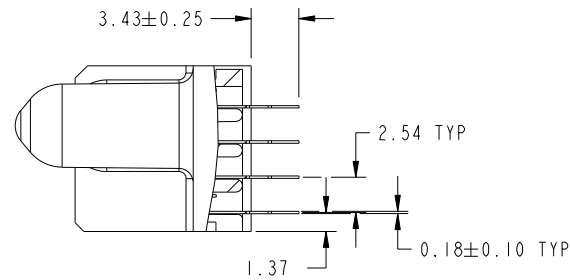
Pro/E

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.

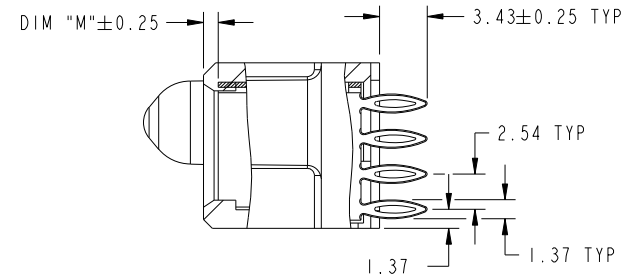


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

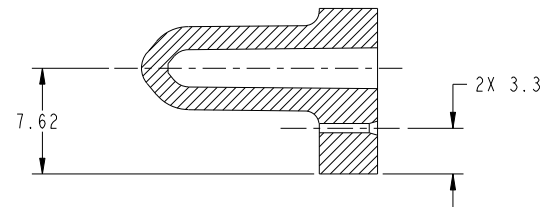
PRODUCT NUMBER
51940-271--
NOTE: 3



SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C
SCALE 2:1

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A					0.XX ±0.25	projection		title 12P + 28S	
				angles	0.XXX ±0.1			VERTICAL PRESS-FIT RECEPT	
					0° ±2°			product family PwrBlade	
				dr	Warren Du 11/17/08			code 213	
				enr	Warren Du 11/17/08			size dwg no	
				chr	Gary Hsieh 11/17/08			sheet 2 of 4	
				appd	Joseph Hsia 11/17/08			51940-271	
sheet index	revision sheet					scale 1:1		A	
								cage code 22526	

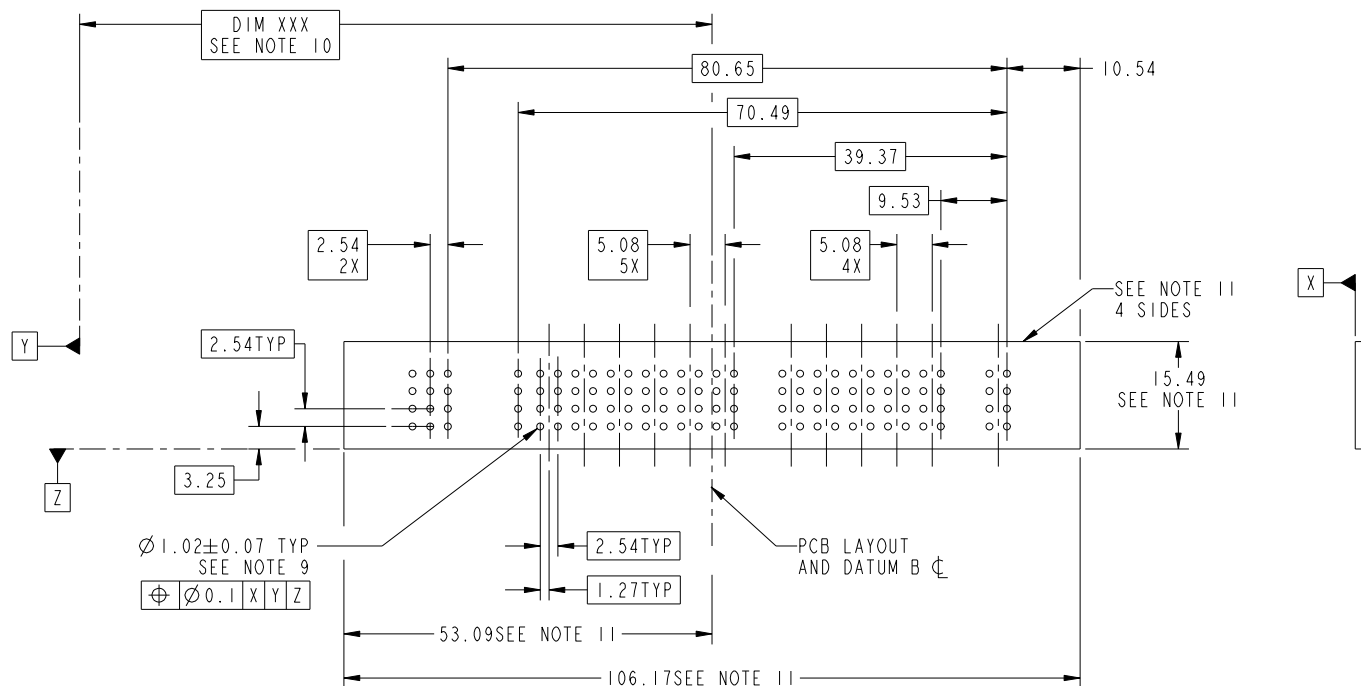
Pro/E

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
51940-271--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A				linear	0.XX ±0.25	projection		title	12P + 28S
				angles	0.XXX ±0.1				VERTICAL PRESS-FIT RECEPT
					0° ±2°			product family	PwrBlade
				dr	Warren Du 11/17/08	MIM		code	213
				enr	Warren Du 11/17/08			size	dwg no
				chr	Gary Hsieh 11/17/08	scale		A	51940-271
				appd	Joseph Hsia 11/17/08			sheet	3 of 4
sheet index	revision sheet								

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
51940-271-- 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 51940-271 AND 51940-271LF 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.

mat'l code				tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ± 0.5		COPY		title 12P + 28S VERTICAL PRESS-FIT RECEPT		
A					0.XX ± 0.25		projection				
					0.XXX ± 0.1						
				angles	0° ± 2°				product family PwrBlade		
				dr	Warren Du	11/17/08	scale		size		code 213
				enrg	Warren Du	11/17/08	1:1		dwg no		sheet
				chr	Gary Hsieh	11/17/08			A 51940-271		4 of 4
				appd	Joseph Hsia	11/17/08					
sheet index		revision sheet									
				Pro/E		3		cage code 22526		4	