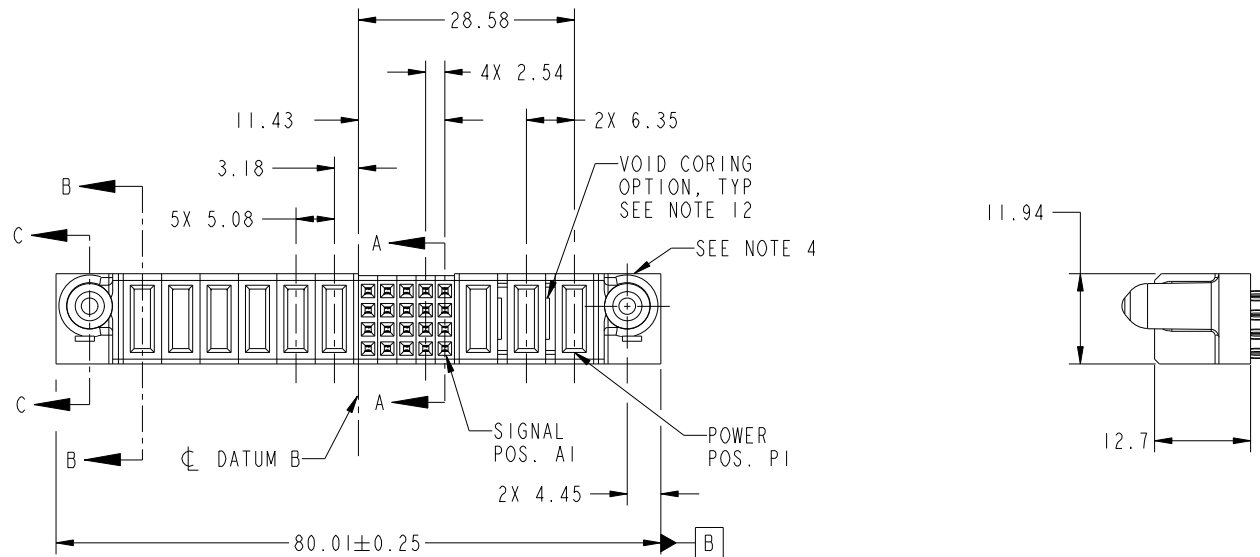




PRODUCT NO.	ROW S	POWER								SIGNAL					POWER			
		E2	P9	P8	P7	P6	P5	P4	5	4	3	2	1	P3	P2	P1	E1	
51940-255-- NOTE: 3	D C B A																	



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

mat'l code				tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	0.X ± 0.5	COPY	 www.fciconnect.com
A	DG08-0169	W D	06/30/08	linear	0.XX ± 0.25	projection	
				angles	0.XXX ± 0.1		
					0° ± 2°	MM	title 3P + 20S + 6P VERTICAL PRESS FIT RECEPT
				dr	Warren Du 06/27/08	scale 1:1	product family PwrBlade
				engr	Jerome Chen 06/27/08		size A
				chr	Gary Hsieh 06/27/08		dwg no 51940-255
				appd	Joseph Hsia 06/27/08		code 213
sheet index	revision sheet	A 1	A 2	A 3	A 4		sheet 1 of 4

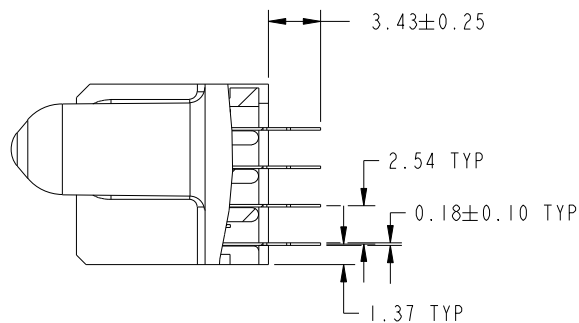
B

B

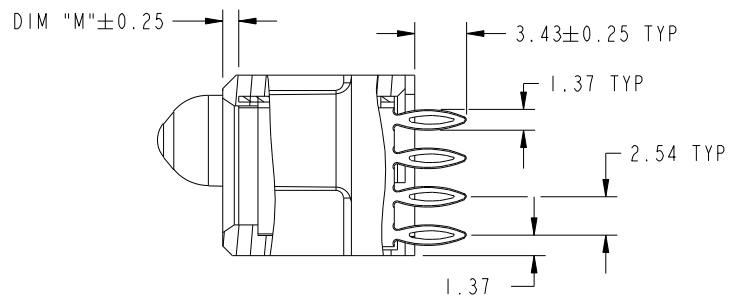


PRODUCT NUMBER

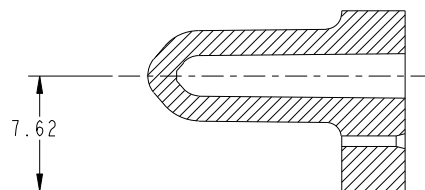
51940-255--
NOTE: 3



SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C
SCALE 2:1

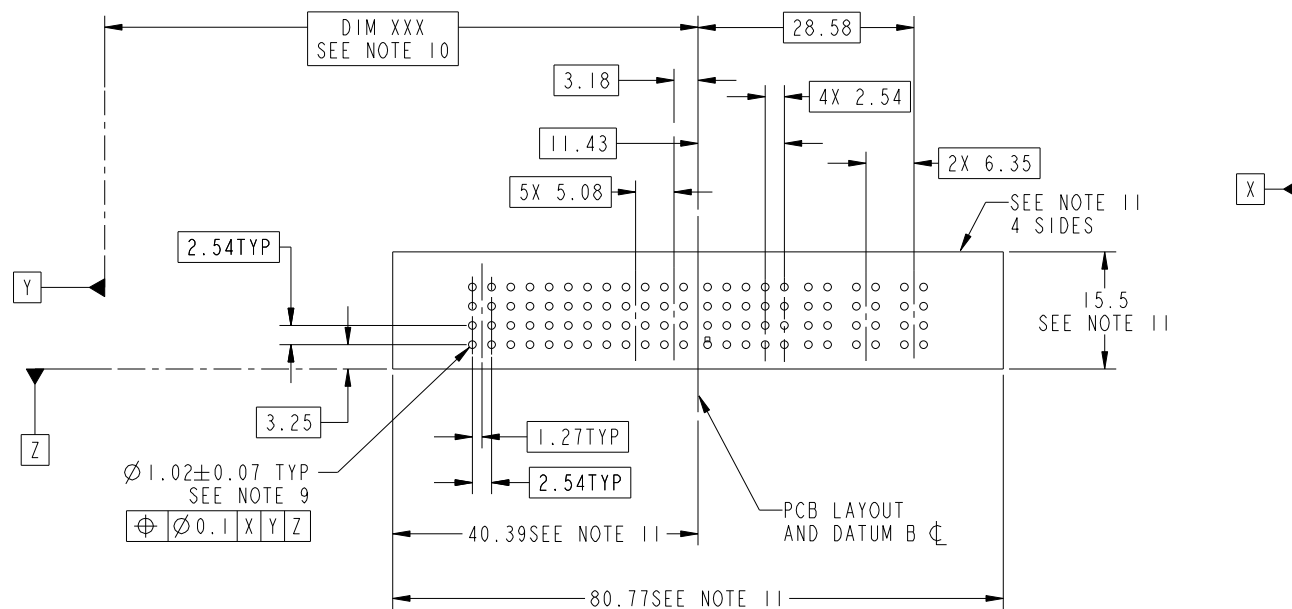
mat'l code				tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	0.X ±0.5	COPY projection 	 www.fciconnect.com title 3P + 20S + 6P VERTICAL PRESS FIT RECEPT
A					0.XX ±0.25		
					0.XXX ±0.1		
				angles	0° ±2°	 scale 1:1	product family PwrBlade code 213 sheet 2 of 4
				dr	Warren Du 06/27/08		
				enrg	Jerome Chen 06/27/08		
				chr	Gary Hsieh 06/27/08		
				appd	Joseph Hsia 06/27/08		
sheet index	revision sheet						

cage code 22506



PRODUCT NUMBER

51940-255--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	0.X ± 0.5	COPY	 www.fciconnect.com
A				linear	0.XX ± 0.25	projection	
				angles	0° $\pm 2^\circ$	 MM	
		dr	Warren Du	06/27/08		scale	product family
		enrg	Jerome Chen	06/27/08		1:1	PwrBlade
		chr	Gary Hsieh	06/27/08			code
		appd	Joseph Hsia	06/27/08			213
sheet	revision						sheet
index	sheet						3 of 4



1 | 2

3

4

PRODUCT NUMBER

51940-255--
NOTE: 3

NOTES:

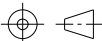
1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

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 SPEC.
51940-255, 51940-255LF PLATING SPEC. WAS SHOWN IN THE PRINT OF 10064183.
- 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		
lfr	ecn no.	dr	date	linear	0.X ± 0.5		COPY		title 3P + 20S + 6P VERTICAL PRESS FIT RECEPT	
A					0.XX ± 0.25		projection			
					0.XXX ± 0.1					
				angles	0° $\pm 2^\circ$				product family PwrBlade	
				dr	Warren Du	06/27/08	scale			size A
				enrg	Jerome Chen	06/27/08	1:1			
				chr	Gary Hsieh	06/27/08				
				appd	Joseph Hsia	06/27/08			dwg no 51940-255	
sheet index		revision sheet							code 213	
									sheet 4 of 4	

1 | 2

Pro/E

PDM: Rev: A

STAT: Released

Printed: Dec 20, 2010