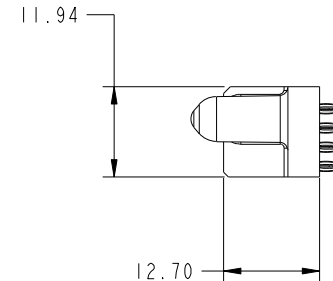
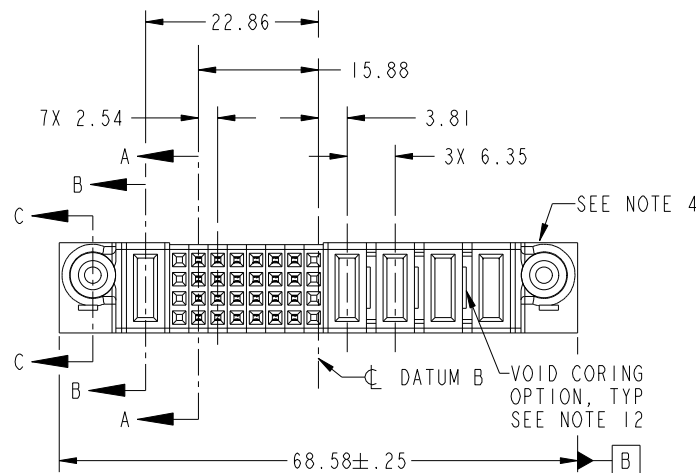




1 2																
PRODUCT NO.	ROWS		PWR	SIGNAL								PWR				
		E2	P5	8	7	6	5	4	3	2	1	P4	P3	P2	P1	E1
51940-009_-- NOTE: 3	D C B A			X	F	F	F	F	F	F	X					
				X	F	F	F	F	F	F	X					
				X	F	F	F	F	F	F	X					
				X	F	F	F	F	F	F	X					



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

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	V20528	JWS	03-18-02	linear		0.X ± 0.5		projection		title 4P + 32S + 1P VERTICAL PRESS-FIT RECEPTACLE	
B	DG05-0418	CS	11/01/05			0.XX ± 0.25					
C	DG07-0498	JW	09/12/08	angles		0.XXX ± 0.10				product family PwrBlade	
						0° ± 2°					
				dr	J. SHAFFER	03-18-02		MM		size A	
				enrg	J. ALLISON	03-18-02		scale 1:1			
				chr	J. ALLISON	03-18-02				dwg no 51940-009	
				appd	J. ALLISON	03-18-02					
sheet index	revision sheet	C	C	C	C	C				code 213	
		1	2	3	4						
										sheet 1 of 4	

A

B

4

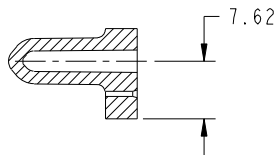
A

B

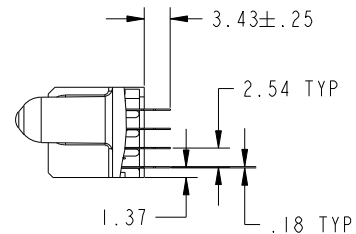


PRODUCT NUMBER

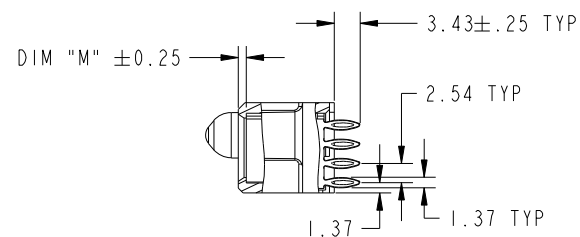
51940-009--
NOTE: 3



SECTION C-C



SECTION A-A



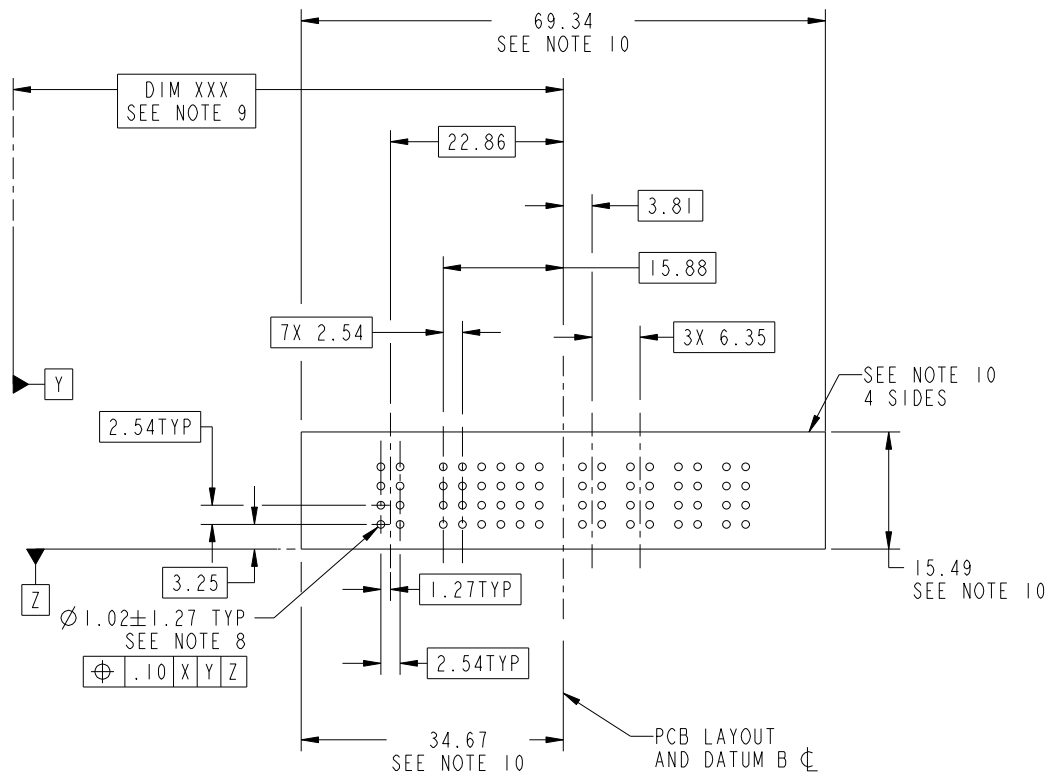
SECTION B-B

mat'l code				SEE NOTE				tolerances unless otherwise specified				CUSTOMER				FCI www.fciconnect.com			
lir	ecn no.		dr	date	linear	0.X ± 0.5				COPY				projection title 4P + 32S + IP VERTICAL PRESS-FIT RECEPTACLE					
C						0.XX ± 0.25													
						angles	0.XXX ± 0.10												
					0° ± 2°														
					dr	J. SHAFFER	03-18-02		MM ← ————— → scale 1:1				product family		PwrBlade		code	213	
					engr	J. ALLISON	03-18-02						size	dwg no	51940-009		sheet		2
					chr	J. ALLISON	03-18-02												
					appd	J. ALLISON	03-18-02												
sheet index		revision sheet																	



PRODUCT NUMBER

51940-009--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
lir	ecn no.	dr	date	linear	angles	0.X ± 0.5		COPY		www.fciconnect.com	
C						0.XX ± 0.25		projection		title	
						0.XXX ± 0.10		MM		4P + 32S + IP	
						0° ± 2°		scale		VERTICAL PRESS-FIT RECEPTACLE	
				dr	J. SHAFFER	03-18-02		product family		PwrBlade	
				enr	J. ALLISON	03-18-02		size		dwg no	
				chr	J. ALLISON	03-18-02		A		51940-009	
				appd	J. ALLISON	03-18-02		sheet		3	
sheet index	revision sheet										



1 | 2

3

4

PRODUCT NUMBER

51940-009--
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 PLATING:

△ SEE ITEM 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51940-009; 51940-009LF PRESPECTIVELY

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

PCB - NOTES:

⑥ ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑦ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

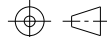
8. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.

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

10. CONNECTOR KEEP-OUT ZONE.

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

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

mat'l code				SEE NOTE				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0. X ±0.5				COPY				title 4P + 32S + 1P VERTICAL PRESS-FIT RECEPTACLE						
C					0. XX ±0.25				projection										
					0. XXX ±0.10														
				angles	0° ±2°								product family PwrBlade						
				dr	J. SHAFFER	03-18-02			scale 1:1				size		dwg no		code		
				enrg	J. ALLISON	03-18-02							A		51940-009		213		
				chr	J. ALLISON	03-18-02											sheet		
				appd	J. ALLISON	03-18-02									4				
sheet index		revision sheet																	

1 | 2

Pro/E

PDM: Rev: C

STAT: Released

Printed: Dec 20, 2010