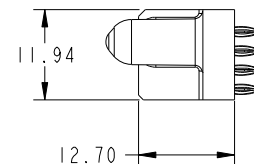
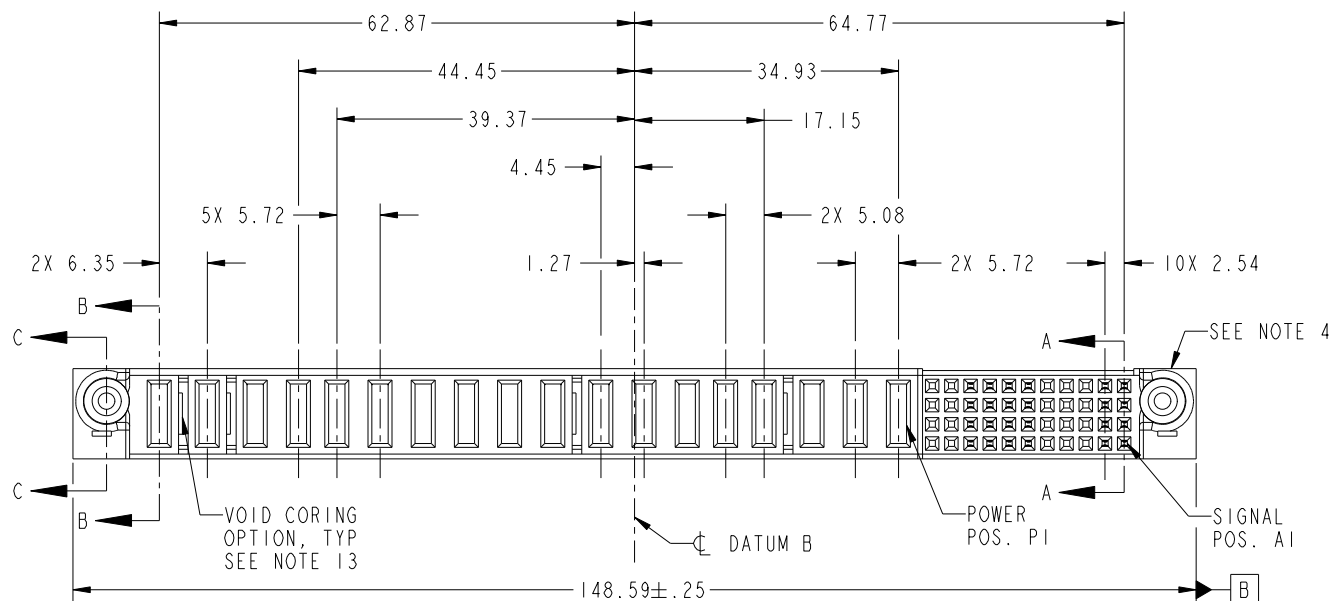




A

B

PRODUCT NO.	ROWS	POWER																			SIGNAL											E1
		E2	P18	P17	P16	P15	P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	11	10	9	8	7	6	5	4	3	2	1	
51940-082-- NOTE: 3	D C B A		PC	X	PC	X	X	PC	X	PC	X	PC	PC	X	PC	X	PC	PC	X	PC	X	X	F	F	F	F	X	X	X	F	F	



A

B

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

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date			linear	0.X ±0.5	COPY		www.fciconnect.com	
A	V04-0241	TAB	03/17/04			linear	0.XX ±0.25	projection		title	
B	DG05-0109	JM	05/12/05			linear	0.XXX ±0.10			44S + 18P	
C	DG07-0498	JW	06/03/08			angles	0° ±2°			VERTICAL PRESS-FIT RECEPT	
						dr	T. BRUNGARD 03/17/04			product family	
						enrg	M. GRAY 03/17/04			PwrBlade	
						chr	M. GRAY 03/17/04			code	
						appd	M. GRAY 03/17/04			213	
sheet	revision	C	C	C	C			scale	1:1	size	
index	sheet	1	2	3	4					dwg no	
										A	
										51940-082	
										sheet	
										1 of 4	

1 | 2

Pro/E

PDM: Rev: C

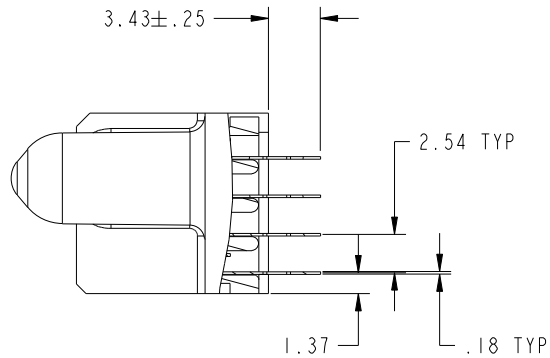
STAT: Released

Printed: Sep 26, 2008

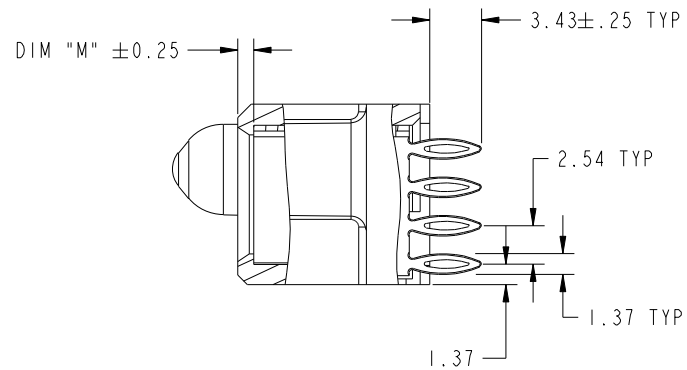


PRODUCT NUMBER

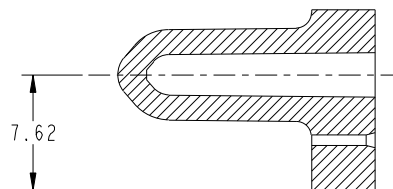
51940-082--
NOTE: 3



SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C
SCALE 2:1

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
lir	ecn no.	dr	date			linear	0.X ±0.5	COPY		www.fciconnect.com	
C							0.XX ±0.25	projection		title	
						angles	0.XXX ±0.10			44S + 18P	
							0° ±2°			VERTICAL PRESS-FIT RECEPT	
				dr	T. BRUNGARD	03/17/04		MM		product family	PwrBlade
				enr	M. GRAY	03/17/04		scale		size	dwg no
				chr	M. GRAY	03/17/04		1:1		A	51940-082
				appd	M. GRAY	03/17/04				code	213
sheet index	revision sheet									sheet	2

PRODUCT NUMBER

51940-082--
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 51940-082; 51940-082LF 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.

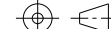
9 $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.

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

11 CONNECTOR KEEP-OUT ZONE.

12. A Δ 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													
C					0.XX ± 0.25				projection								title					
					0.XXX ± 0.10				angles								44S + 18P					
					0° $\pm 2^\circ$						VERTICAL PRESS-FIT RECEPT											
				dr	T. BRUNGARD 03/17/04						product family				PwrBlade		code					
				engr	M. GRAY 03/17/04						size		dwg no		213							
				chr	M. GRAY 03/17/04						scale		A		51940-082		sheet 4					
				appd	M. GRAY 03/17/04																	
sheet index		revision sheet																				