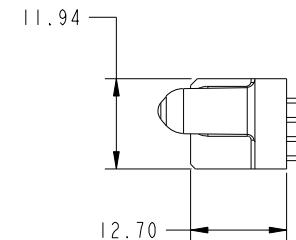
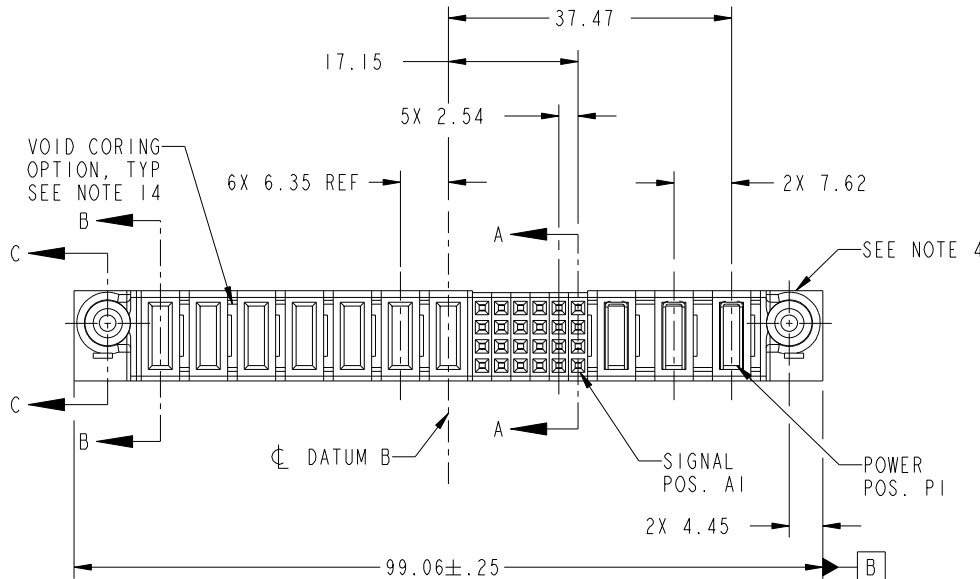




PRODUCT NO.	ROW S	POWER								SIGNAL					POWER				
		E2	P10	P9	P8	P7	P6	P5	P4	6	5	4	3	2	1	P3	P2	P1	E1
51940-236-- NOTE: 3	D C B A																		



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
PD	[2.34]	POWER
PA	[1.07]	POWER

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	DG07-0378	JC	09/18/07			linear	0.XX ± 0.25	projection		title	
B	DG07-0498	JW	09/13/08			angles	0.XXX ± 0.10			3ACP + 24S + 7P VERTICAL STB RECEPT	
						angles	0° ± 2°			product family	
						dr	Jerome Chen 09/05/07	MM		PwrBlade	
						enrg	Jerome Chen 09/18/07	scale		size	
						chr	Gary Hsieh 09/05/07	1:1		dwg no	
						appd	Joseph Hsiao 09/05/07			A 51940-236	
sheet index	revision sheet	B 1	B 2	B 3	B 4					code	
										213	
										sheet 1 of 4	

B

B

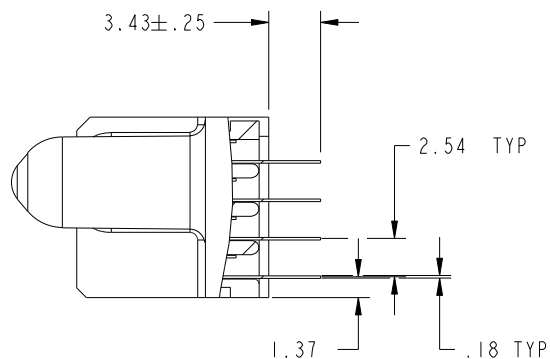
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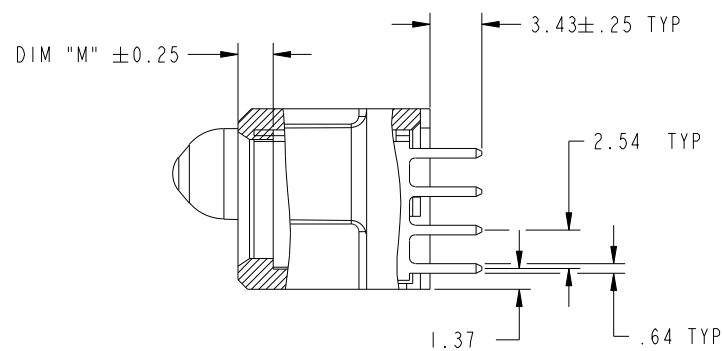
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PRODUCT NUMBER

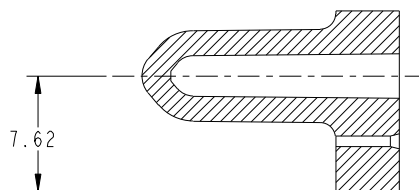
51940-236--
NOTE: 3



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	
B						0.XX ± 0.25		projection		title 3ACP + 24S + 7P VERTICAL STB RECEPT	
						0.XXX ± 0.10					
				angles		0° ± 2°		MM		product family	PwrBlade
										size	213
				dr	Jerome Chen	09/05/07		scale		dwg no	51940-236
				enrg	Jerome Chen	09/18/07				sheet	2 of 4
				chr	Gary Hsieh	09/05/07					
				appd	Joseph Hsiao	09/05/07					
sheet	revision										
index	sheet										



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title
3ACP + 24S + 7P
VERTICAL STB RECEPT

product family PwrBlade

size dwg no

A 51940-236

sheet 2 of 4

cage code 28506

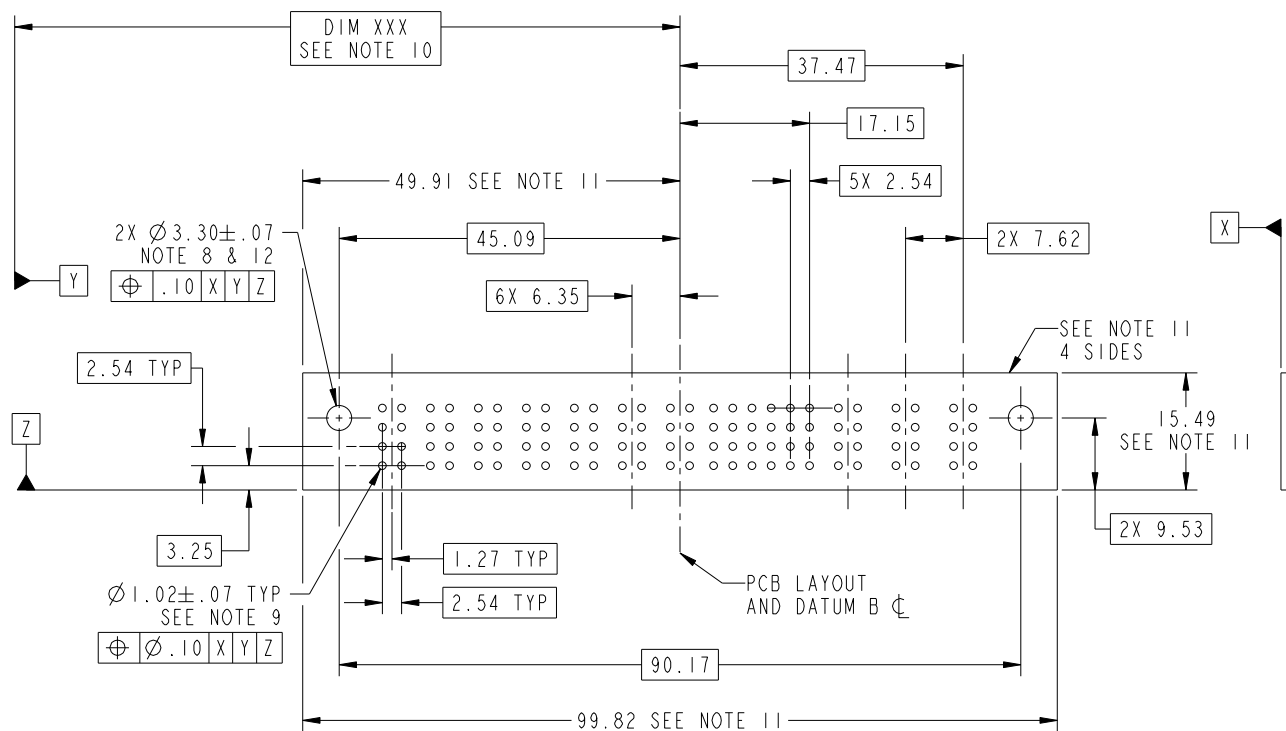
STAT: Released

Printed: Dec 20, 2010



PRODUCT NUMBER

51940-236--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date								
B				linear		0.X ± 0.5		COPY		www.fciconnect.com	
						0.XX ± 0.25		projection		title	
						0.XXX ± 0.10				3ACP + 24S + 7P	
				angles		0° ± 2°				VERTICAL STB RECEPT	
				dr	Jerome Chen	09/05/07				product family	
				engr	Jerome Chen	09/18/07				PwrBlade	
				chr	Gary Hsieh	09/05/07				code	
				appd	Joseph Hsiao	09/05/07				213	
sheet index		revision sheet								size	
										dwg no	
										A	
										51940-236	
										sheet	
										3 of 4	

cage code 22506

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010



1 | 2

3 |

4

PRODUCT NUMBER

51940-236--
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.
SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51940-236; 51940-236LF 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
 $\varnothing 1.02 \pm .07$ HOLE.

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

- ⑪ CONNECTOR KEEP-OUT ZONE.

- ⑫ RECOMMENDED RETENTION TO PCB
 $\varnothing 3.30$ THRU HOLE FOR #5 SOCKET HEAD CAP SCREW MAX. HEAD 5.21
RECOMMENDED SCREW LENGTH 11.99 + PCB THICKNESS.
RECOMMENDED SCREW SEATING TO PCB TORQUE: 2-5 lbf-in (2300-5760 gf-cm).

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

14. 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		FCI			
ltr	ecn no.	dr	date					COPY		www.fciconnect.com			
B				linear		$0.X \pm 0.5$		projection		title			
						$0.XX \pm 0.25$				3ACP + 24S + 7P			
						$0.XXX \pm 0.10$				VERTICAL STB RECEPT			
				angles		$0^\circ \pm 2^\circ$				product family		PwrBlade	code
				dr	Jerome Chen	09/05/07		scale		size	dwg no	213	sheet
				enrg	Jerome Chen	09/18/07		1:1	A	51940-236		4 of 4	
				chr	Gary Hsieh	09/05/07							
				appd	Joseph Hsia	09/05/07							
sheet	revision												
index	sheet												

1 | 2

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PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010