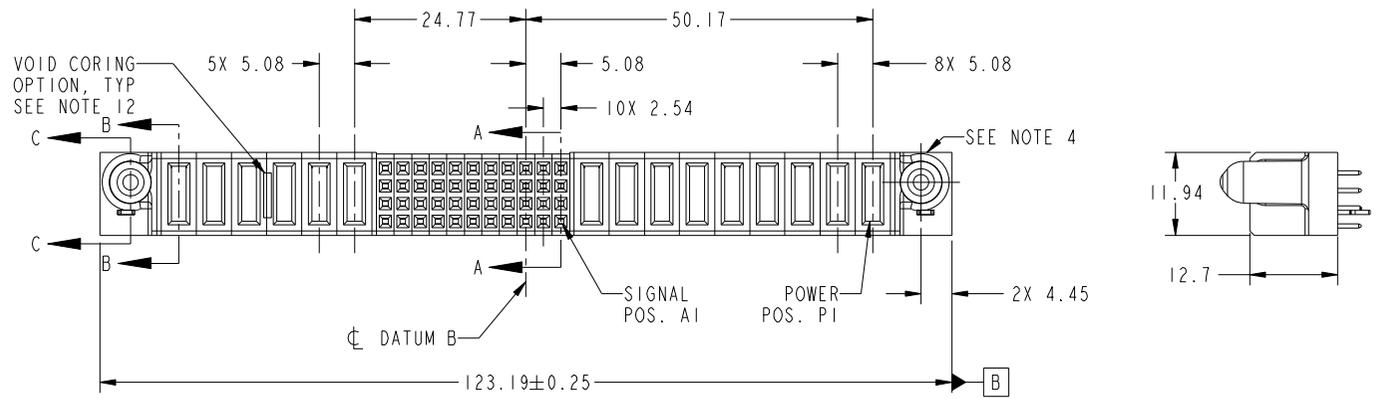


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PRODUCT NO.	ROWS	POWER						SIGNAL											POWER						E1				
		E2	P15	P14	P13	P12	P11	P10	11	10	9	8	7	6	5	4	3	2	1	P9	P8	P7	P6	P5		P4	P3	P2	P1
51940-249- NOTE: 3	D C B A		PA	X	PA	X	PA	X	E	E	E	E	E	E	E	E	E	E	E	PA	X	PA	X	PA	X	PA	X	PA	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
PA	[1.07]	POWER
HA	[N/A]	HOLD-DOWN
X	OMITTED	

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ±0.5	projection		COPY		www.fciconnect.com	
A	DG08-0062	JMG	03/17/08	angles	0.XX ±0.25			title		9P + 44S + 6P	
				dr	0.XXX ±0.1			product family		PwrBlade	code
				enr	0° ±2°	scale		size		dwg no	213
				chr	JM Guo 03/17/08	1:1		A		51940-249	sheet
				appd	Gary Hsieh 03/17/08						1 of 4
					Joseph Hsia 03/17/08						
sheet index	revision sheet	A	A	A	A					cage code	22526
1	2	3	4								4

Pro/E

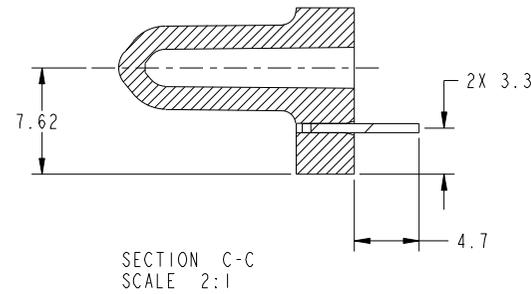
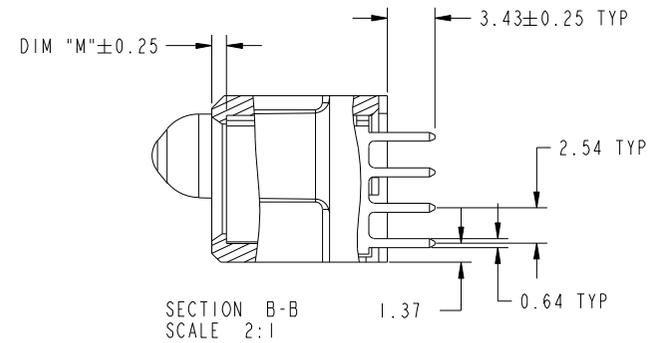
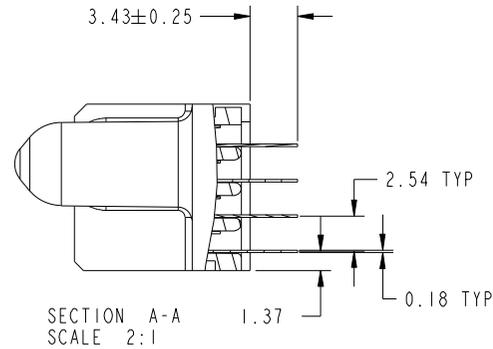
cage code 22526

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PRODUCT NUMBER
51940-249--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.5	COPY		title	
A					0.XX ±0.25	projection		9P + 44S + 6P VERTICAL SOLDER RECEPT	
				angles	0.XXX ±0.1			product family PwrBlade code	
				dr	JM Guo 03/17/08			size	
				enr	Gary Hsieh 03/17/08	scale		dwg no	
				chr	Gary Hsieh 03/17/08	1:1		51940-249	
				appd	Joseph Hsia 03/17/08			sheet	
sheet index		revision sheet						2 of 4	

cage code 22526

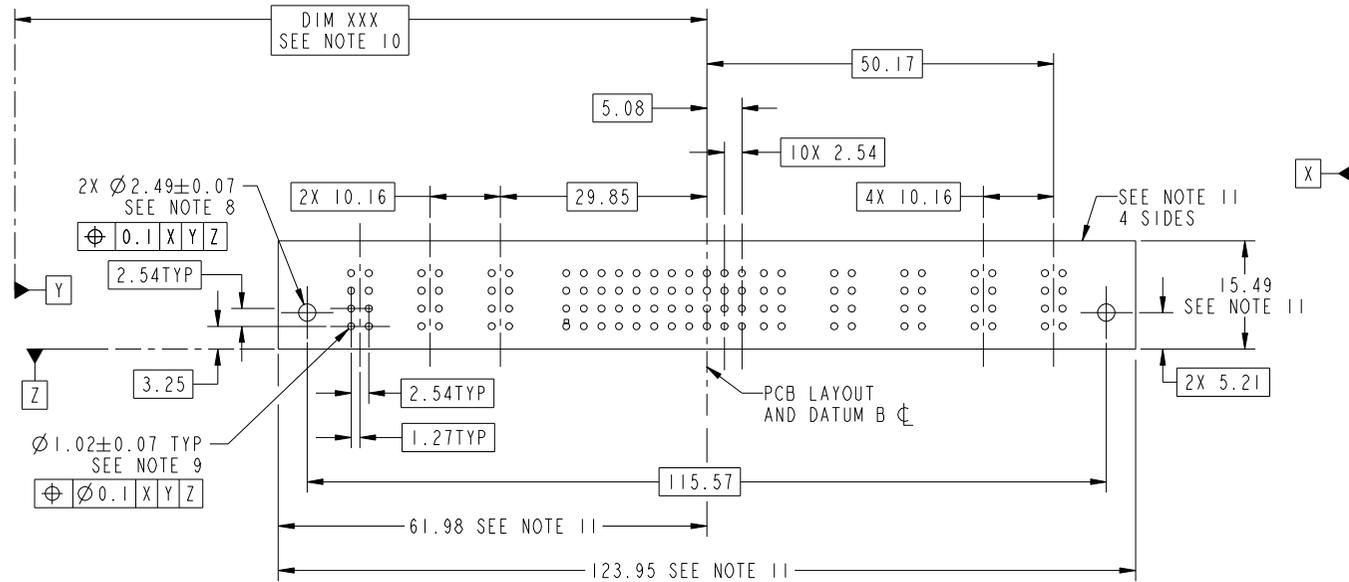
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PRODUCT NUMBER
51940-249--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A					0.XX ±0.25	projection		title	
				angles	0.XXX ±0.1			9P + 44S + 6P VERTICAL SOLDER RECEPT	
				dr	0° ±2°			product family PwrBlade code 213	
				enrg	JM Guo 03/17/08	scale		size dwg no 213	
				chr	Gary Hsieh 03/17/08	1:1		51940-249 sheet 3 of 4	
				appd	Joseph Hsia 03/17/08				
sheet index	revision sheet								

cage code 22526

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PRODUCT NUMBER
51940-249--
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.
51940-249, 51940-249LF 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		FCI	
ltr	ecr no.	dr	date	linear	0.X ± 0.5	COPY		www.fciconnect.com	
A				linear	0.XX ± 0.25	projection		title	
				angles	0.XXX ± 0.1			9P + 44S + 6P VERTICAL SOLDER RECEPT	
				dr	0° ± 2°	MIM		product family PwrBlade code	
				enr	JM Guo 03/17/08	← MIM →		size 213	
				enr	Gary Hsieh 03/17/08	scale		dwg no 51940-249 sheet 213	
				chr	Gary Hsieh 03/17/08	1:1		4 of 4	
				appd	Joseph Hsia 03/17/08	A			
sheet index	revision sheet								

cage code 22526

Pro/E