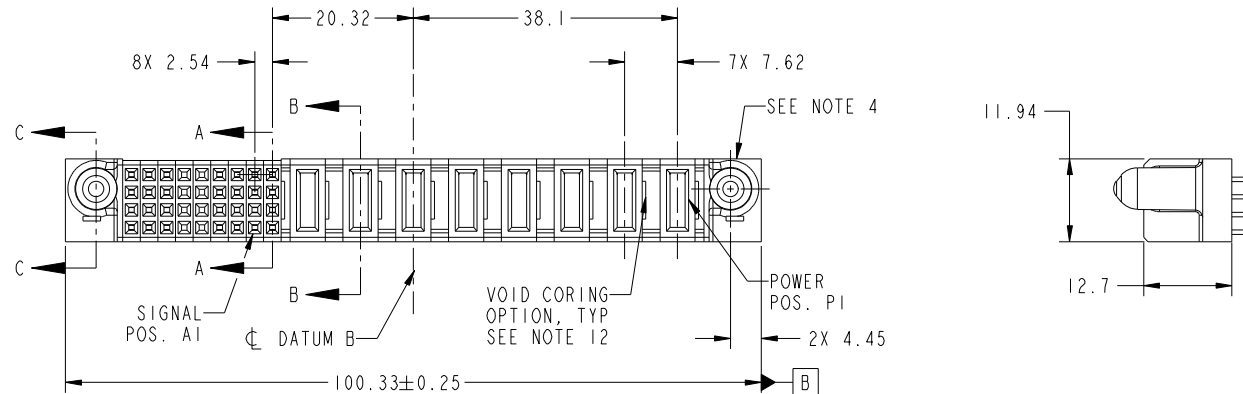


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PRODUCT NO.	ROWS	SIGNAL									POWER								E1				
		E2	9	8	7	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2		P1			
51940-306-- NOTE: 3	D C B A		E	E	E	X	X	X	E	E	E	E	P	D	P	D	P	D	P	D	P	D	



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

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date			linear	0.X ±0.5	COPY		www.fciconnect.com	
A	DG09-0251	JW	08/05/09			angles	0.XX ±0.25	projection		title	
							0.XXX ±0.1			8ACP + 36S	
							0° ±2°			VERTICAL SOLDER RECEPT	
						dr	JULIA WANG 07/23/09			product family	PwrBlade
						enrg	JULIA WANG 07/23/09			size	dwg no
						chr	PM ZHENG 07/23/09			A	51940-306
						appd	JOSEPH HSIA 07/23/09			code	213
sheet	revision	A	A	A	A			scale	1:1	sheet	1 of 4
index	sheet	1	2	3	4						

Pro/E

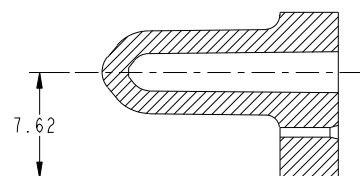
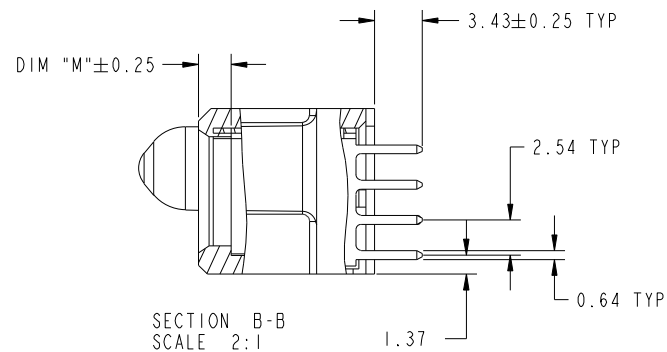
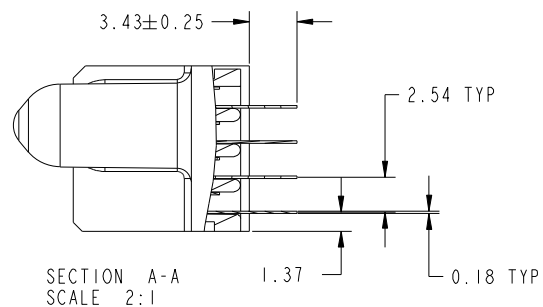
cage code 22526

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PRODUCT NUMBER
51940-306--
NOTE: 3



mat'l code				tolerances unless otherwise specified				CUSTOMER		FCI www.fciconnect.com			
litr	ecn no.	dr	date	linear	0.X ±0.5		COPY		projection	title			
A					0.XX ±0.25					8ACP + 36S			
				angles	0.XXX ±0.1					VERTICAL SOLDER RECEPT			
					0° ±2°								
				dr	JULIA WANG	07/23/09	MM			product family		PwrBlade	code
				enrg	JULIA WANG	07/23/09				size		dwg no	
				chr	PM ZHENG	07/23/09	scale			A		51940-306	sheet
				appd	JOSEPH HSIA	07/23/09	1:1					2 of	
sheet index	revision sheet												

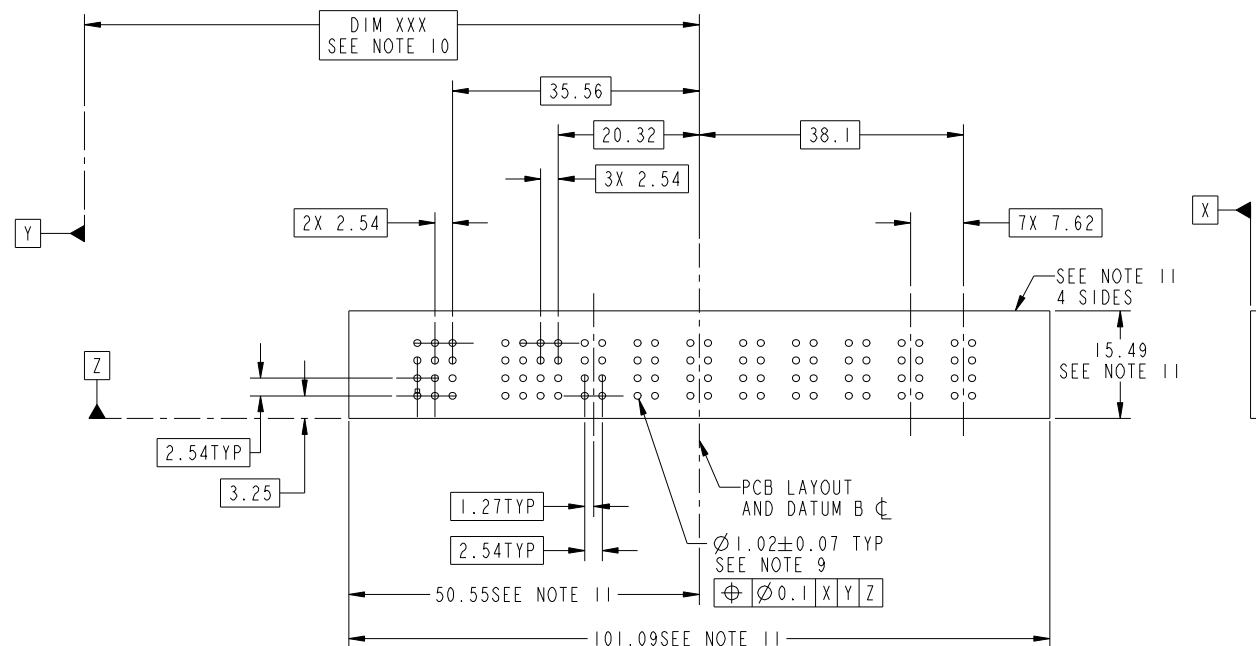
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PRODUCT NUMBER
51940-306--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	$0.X \pm 0.5$	COPY		www.fciconnect.com	
A				linear	$0.XX \pm 0.25$	projection		title	8ACP + 36S
				angles	$0.XXX \pm 0.1$				VERTICAL SOLDER RECEPT
				dr	$0^\circ \pm 2^\circ$			product family	PwrBlade
				enr	JULIA WANG 07/23/09			size	213
				chr	JULIA WANG 07/23/09			dwg no	51940-306
				appd	PM ZHENG 07/23/09			sheet	3 of 4
					JOSEPH HSIA 07/23/09				
sheet index	revision sheet					scale	1:1		

Pro/E

cage code 22526

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PRODUCT NUMBER
51940-306_- 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 51940-306, 51940-306LF 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. 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				
ltr	ecn no.	dr	date	linear	0.X ± 0.5		COPY		title 8ACP + 36S VERTICAL SOLDER RECEPT			
A					0.XX ± 0.25		projection					
					0.XXX ± 0.1							
				angles	0° ± 2°				product family PwrBlade			
				dr	JULIA WANG	07/23/09			code			
				enrg	JULIA WANG	07/23/09	MM		size		dwg no	
				chr	PM ZHENG	07/23/09	scale		A		51940-306	
				appd	JOSEPH HSIA	07/23/09	1:1				213	
sheet index		revision sheet									sheet 4 of 4	

cage code 22526