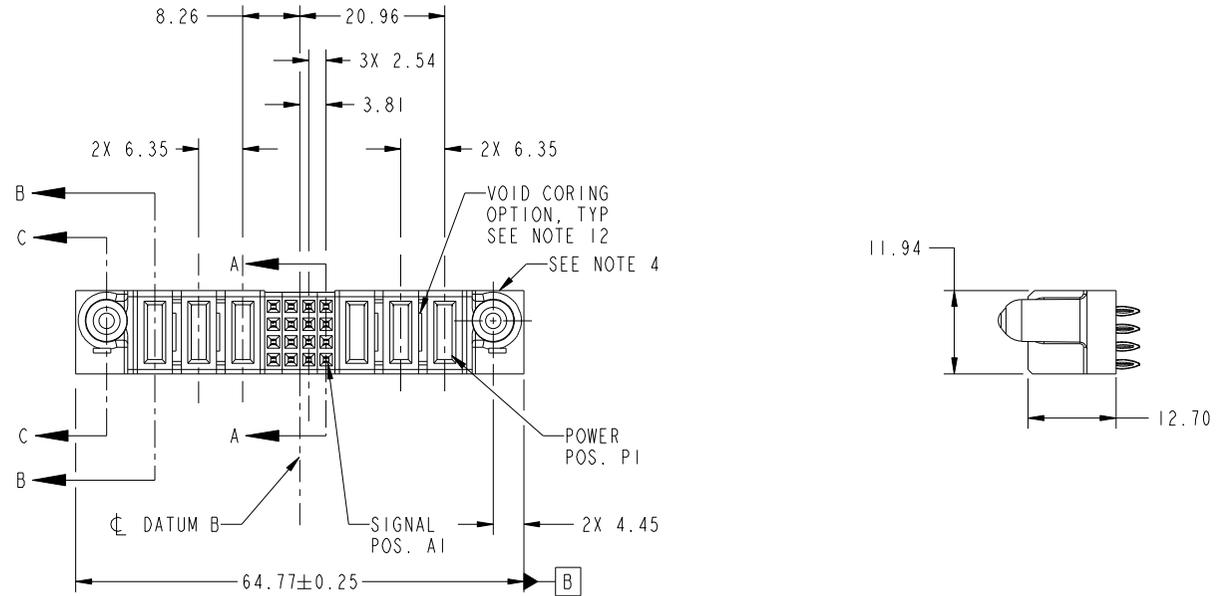


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PRODUCT NO.	ROWS	POWER			SIGNAL			POWER					
		E2	P6	P5	P4	4	3	2	1	P3	P2	P1	E1
51750-105_.. NOTE: 3	D C B A		PC	PC	PC	F	F	F	F	PF	PF	PF	



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

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	0.X ±0.5	projection		FCI www.fciconnect.com	
A	DG10-0301	AL	08/20/10	angles	0.XX ±0.25	MIM		title 3P + 16S + 3P VERTICAL PF RECEPT	
				dr	0.XXX ±0.1	scale		product family PwrBlade code 213	
				enr	0° ±2°	1:1		size dwg no 51750-105 sheet 1 of 4	
				chr	Anson Liu 08/20/10				
				appd	Jerome Chen 08/20/10				
					PM ZHENG 08/20/10				
					Joseph Hsia 08/20/10				
sheet index	revision sheet	A 1	A 2	A 3	A 4				

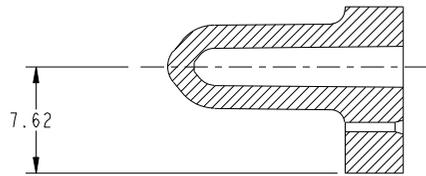
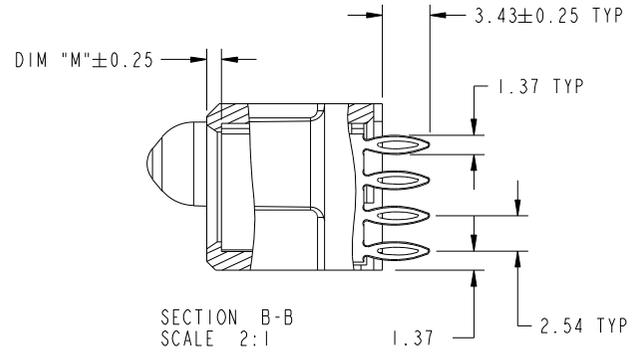
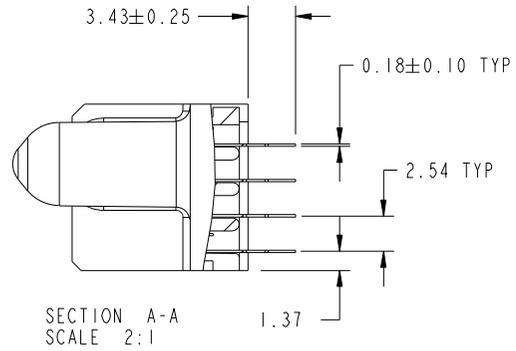
cage code 22526

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PRODUCT NUMBER  
51750-105\_  
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
ltr	ecr no.	dr	date	linear	0.X ± 0.5	COPY		 title	3P + 16S + 3P VERTICAL PF RECEPT	
A					0.XX ± 0.25	 				product family PwrBlade code
					0.XXX ± 0.1	 				
				angles	0° ± 2°	 		sheet		
				dr	Anson Liu 08/20/10	scale 1:1		size	51750-105	
				enr	Jerome Chen 08/20/10	A		2 of 4		
				chr	PM ZHENG 08/20/10					
				appd	Joseph Hsia 08/20/10					
sheet index	revision sheet									

cage code 22526

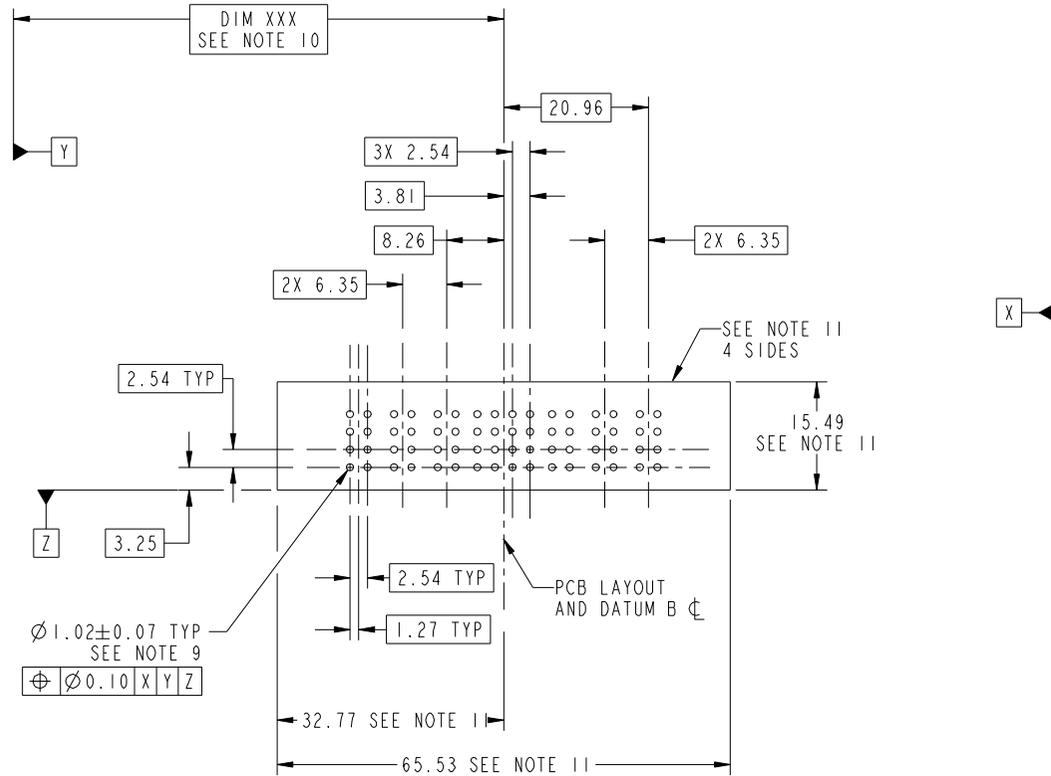
Pro/E

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PRODUCT NUMBER  
51750-105\_  
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ± 0.5	COPY		www.fciconnect.com	
A					0.XX ± 0.25	projection		title	
				angles	0.XXX ± 0.1			3P + 16S + 3P VERTICAL PF RECEPT	
				dr	0° ± 2°			product family PwrBlade code	
				enr	Anson Liu 08/20/10	scale		size	
				chr	Jerome Chen 08/20/10	1:1		dwg no	
				appd	PM ZHENG 08/20/10			51750-105	
					Joseph Hsia 08/20/10			sheet	
sheet index	revision sheet							3 of 4	

cage code 22526

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PRODUCT NUMBER  
51750-105\_  
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. SEE ITEM 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51750-105 AND 51750-105LF RESPECTIVELY.
  - 4 MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE 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		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ± 0.5		COPY		projection	title	
A					0.XX ± 0.25		MIM			3P + 16S + 3P	
					0.XXX ± 0.1		←			VERTICAL PF RECEPT	
				angles	0° ± 2°		MIM		product family		code
				dr	Anson Liu	08/20/10	←		PwrBlade		213
				enrg	Jerome Chen	08/20/10	←		size		sheet
				chr	PM ZHENG	08/20/10	←		dwg no		4 of 4
				appd	Joseph Hsia	08/20/10	←		A		51750-105
sheet index		revision sheet				scale		1:1		cage code	
										22526	

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