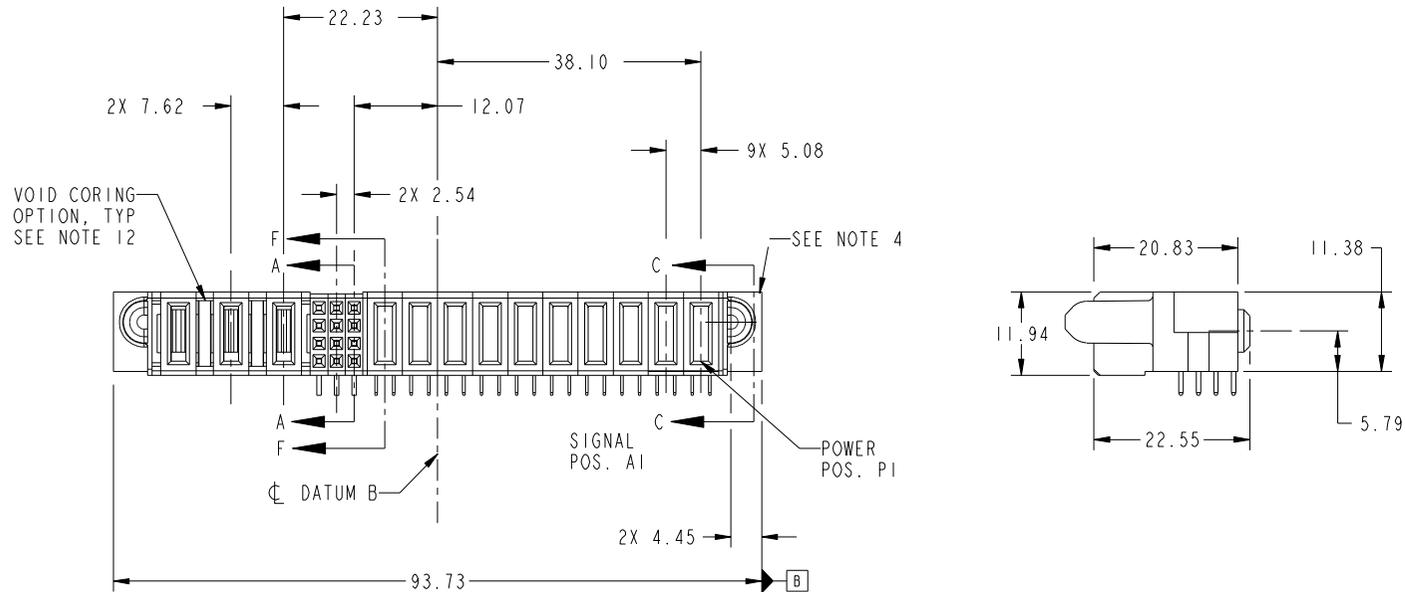


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PRODUCT NO.	ROWS	POWER			S		POWER							E1					
		E2	P13	P12	P11	3	2	1	P10	P9	P8	P7	P6		P5	P4	P3	P2	P1
51921-017-- NOTE 3	D C B A		PG	PG	PG	H G F E	H G F E	H G F E	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[2.34]	POWER
H	[N/A]	SIGNAL
G	[N/A]	SIGNAL
F	[N/A]	SIGNAL
E	[N/A]	SIGNAL
PG	[1.07]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ± 0.5	projection		COPY		www.fciconnect.com	
A	DG10-0310	AL	08/27/10	angles	0.XX ± 0.25			title		10P + 12S + 3ACP R/A STB RECEPTACLE	
				dr	0.XXX ± 0.1			product family		PwrBlade	code
				enr	0° ± 2°	scale		size	dwg no	A	213
				chr	Anson Liu 08/27/10	1:1		51921-017		sheet	
				appd	Jerome Chen 08/27/10					1 of 4	
					PM ZHENG 08/27/10						
					Joseph Hsia 08/27/10						
sheet index	revision sheet	A	A	A	A						
		1	2	3	4						

cage code 22526

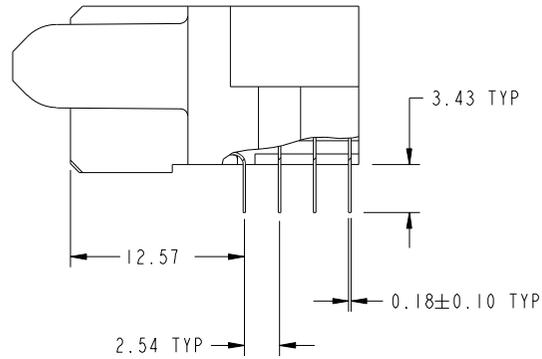
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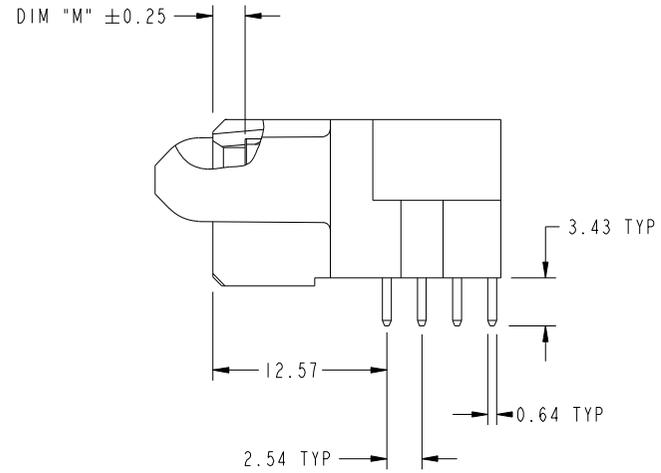
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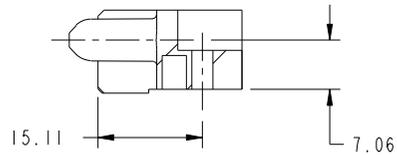
PRODUCT NUMBER  
51921-017--  
NOTE 3



BROKEN-OUT SECTION A-A  
SCALE 2:1



SECTION F-F  
SCALE 2:1



SECTION C-C

mat'l code		SEE NOTE 2		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			10P + 12S + 3ACP R/A STB RECEPTACLE	
				dr	0° ± 2°			product family PwrBlade code 213	
				enr	Anson Liu 08/27/10	scale		size dwg no 213	
				chr	Jerome Chen 08/27/10	1:1		sheet 2 of 4	
				appd	PM ZHENG 08/27/10			51921-017	
					Joseph Hsia 08/27/10				
sheet index	revision sheet								

cage code 22526

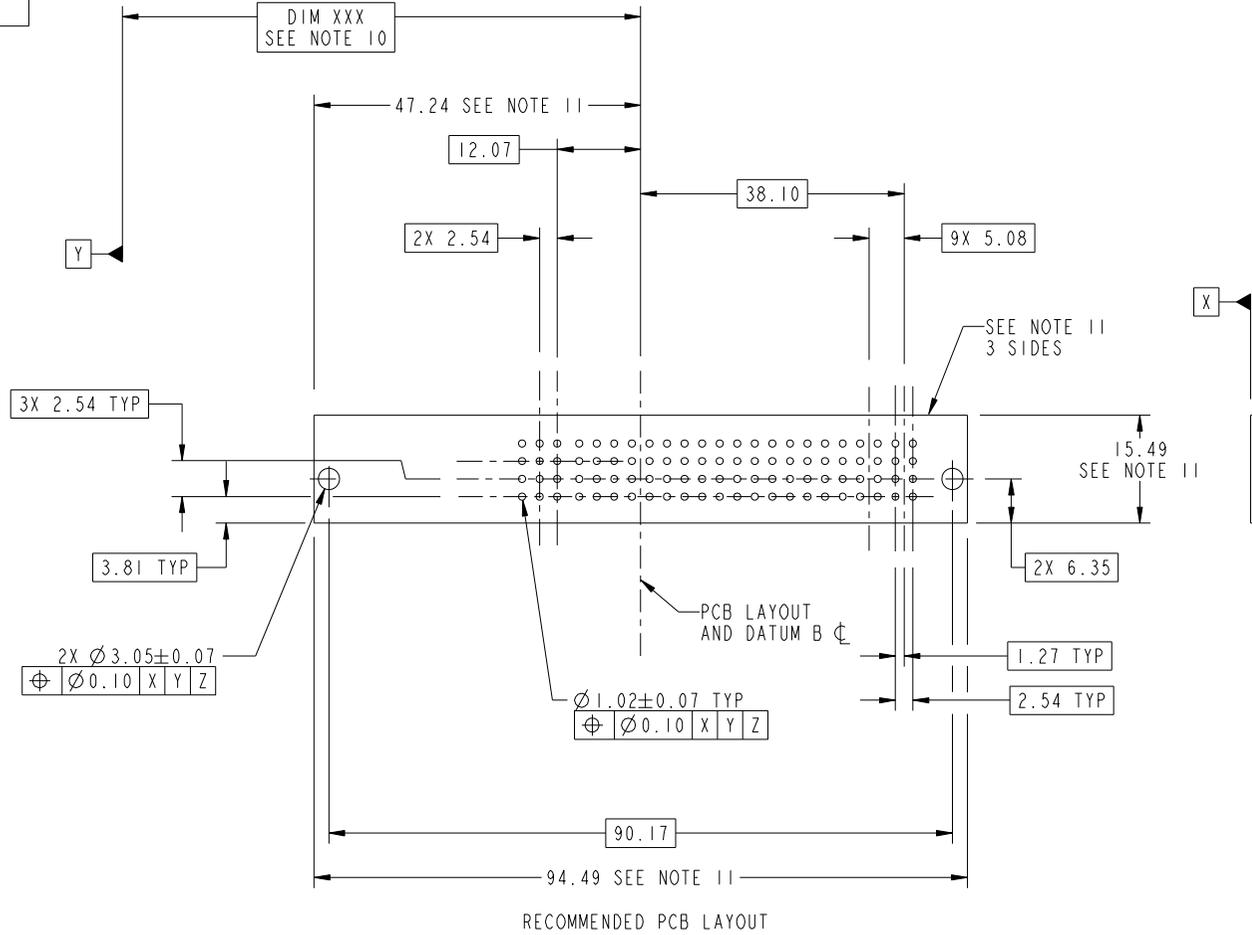
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PRODUCT NUMBER  
51921-017-  
NOTE 3



RECOMMENDED PCB LAYOUT

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					0.XX ±0.25	projection		title	
				angles	0.XXX ±0.1			10P + 12S + 3ACP R/A STB RECEPTACLE	
				dr	0° ±2°			product family PwrBlade code	
				enr	Anson Liu 08/27/10	scale		size	
				chr	Jerome Chen 08/27/10	1:1		dwg no	
				appd	PM ZHENG 08/27/10			A 51921-017	
					Joseph Hsia 08/27/10			sheet	
sheet index	revision sheet							3 of 4	

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PRODUCT NUMBER  
51921-017\_-  
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 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51921-017 AND 51921-017LF 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  
 $\varnothing 1.02 \pm .07$  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		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecm no.	dr	date	linear	0.X ± 0.5	COPY		 title 10P + 12S + 3ACP R/A STB RECEPTACLE			
A					0.XX ± 0.25	projection					
				angles	0.XXX ± 0.1	 MIM					
				dr	Anson Liu 08/27/10	scale		product family PwrBlade		code 213	
				engr	Jerome Chen 08/27/10	1:1		size		sheet 4 of 4	
				chr	PM ZHENG 08/27/10	A		dwg no		51921-017	
				appd	Joseph Hsia 08/27/10			sheet		4 of 4	
sheet index	revision sheet										

cage code 22526

Pro/E