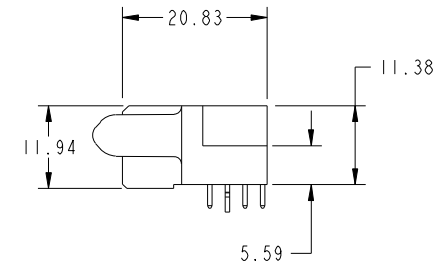
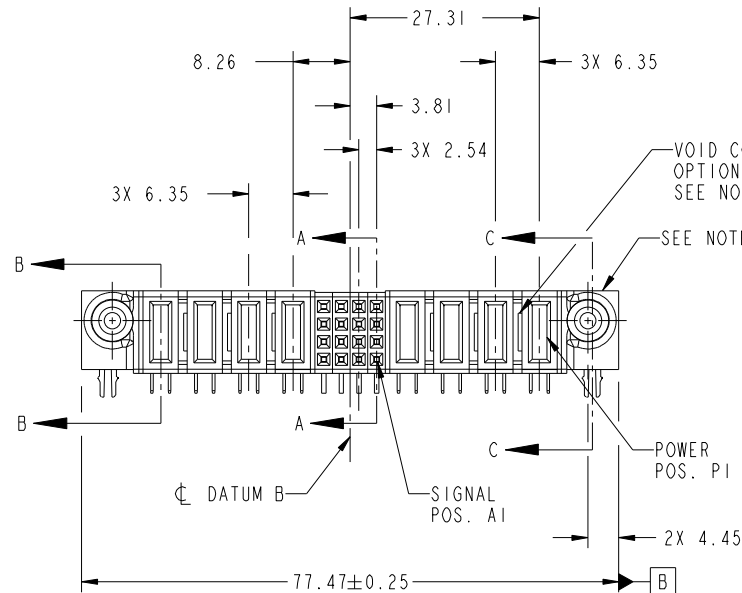
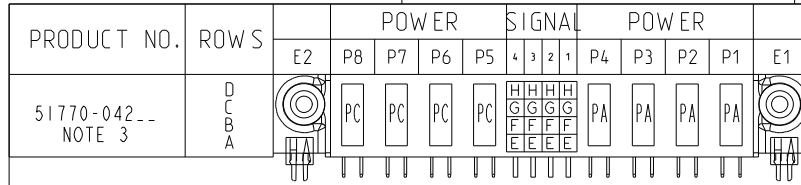


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[2.34]	POWER
PA	[1.07]	POWER
H	[N/A]	SIGNAL
G	[N/A]	SIGNAL
F	[N/A]	SIGNAL
E	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY			www.fciconnect.com
A	DG10-0288	AL	08/02/10	linear		0.X ±0.5		projection		title	4P + 16S + 4P R/A STB RECEPTACLE
				angles		0.XX ±0.25				product family	PwrBlade
				dr	Anson Liu	08/02/10		scale		size	213
				enrg	Jerome Chen	08/02/10				dwg no	51770-042
				chr	PM ZHENG	08/02/10				sheet	1 of 4
				appd	Joseph Hsia	08/02/10					
sheet index	revision sheet	A	A	A	A						
		1	2	3	4						

Pro/E

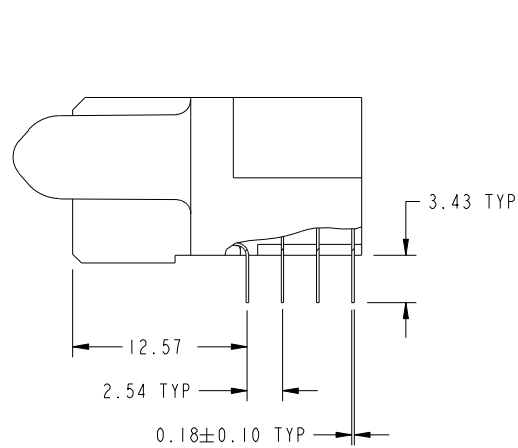
cage code 22526

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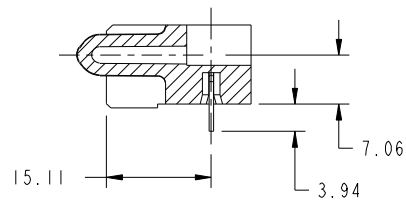


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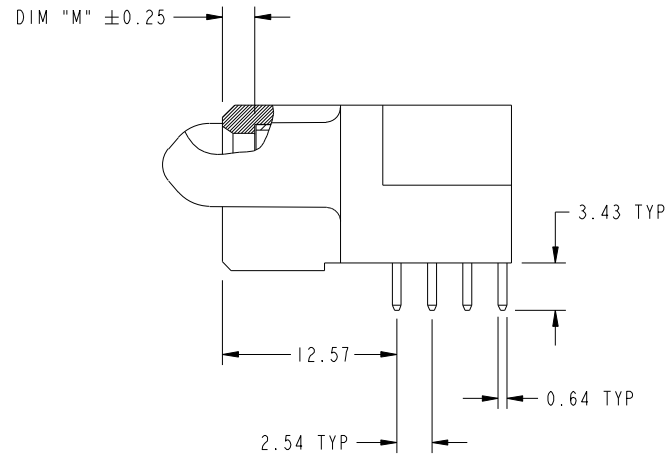
PRODUCT NUMBER
51770-042--
NOTE 3



BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com											
litr		ecn no.		dr		date		linear		0.X ±0.5				COPY				projection 				title 4P + 16S + 4P R/A STB RECEPTACLE									
A										0.XX ±0.25																					
										0.XXX ±0.1																					
								angles		0° ±2°								product family PwrBlade				code 213 sheet 2 of 4									
										dr Anson Liu 08/02/10																					
										enrg Jerome Chen 08/02/10																					
										chr PM ZHENG 08/02/10				scale				size A				dwg no 51770-042									
										appd Joseph Hsia 08/02/10				1:1																	
sheet index		revision sheet																													
				Pro/E								3								cage code				22526				4			

Pro/E

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mat'l code				SEE NOTE				tolerances unless otherwise specified				CUSTOMER				FCI www.fciconnect.com					
lfr		ecn no.		dr		date		linear		0.X ± 0.5		projection  MM scale 1:1		title 4P + 16S + 4P R/A STB RECEPTACLE							
A						0.XX ± 0.25															
						0.XXX ± 0.1															
						0° ± 2°															
								angles													
								dr		Anson Liu 08/02/10				product family		PwrBlade		code			
								enrg		Jerome Chen 08/02/10				size		dwg no		213			
								chr		PM ZHENG 08/02/10				A		51770-042		sheet			
								apdd		Joseph Hsia 08/02/10								3 of 1			
sheet index		revision sheet																			
				Pro/E				3				cage code				22526				4	

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PRODUCT NUMBER
51770-042-- 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 51770-042 AND 51770-042LF 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				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
A				linear		$0.X \pm 0.5$		projection		title	
						$0.XX \pm 0.25$				4P + 16S + 4P	
				angles		$0.XXX \pm 0.1$				R/A STB RECEPTACLE	
						$0^\circ \pm 2^\circ$		MIM		product family	
				dr	Anson Liu	08/02/10		scale		PwrBlade	
				enrg	Jerome Chen	08/02/10				code	
				chr	PM ZHENG	08/02/10				213	
				appd	Joseph Hsia	08/02/10				sheet	
sheet index		revision sheet								4 of 4	
										cage code	
										22526	

Mouser Electronics

Authorized Distributor

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[51770-042LF](#)