

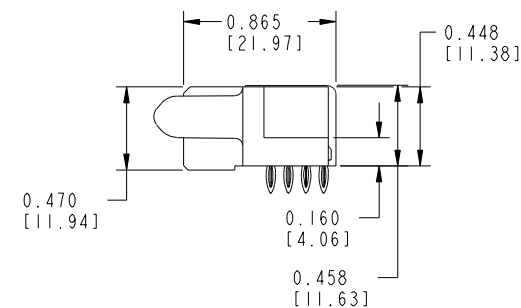
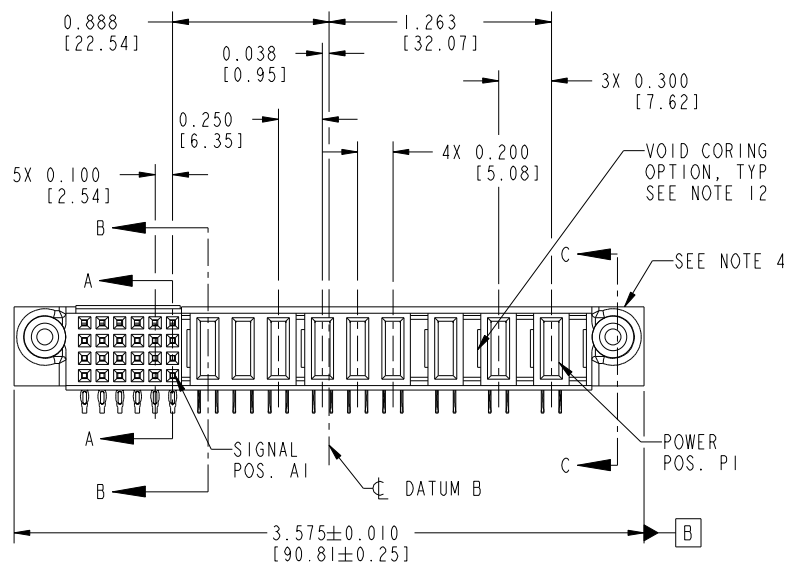


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PF	0.092 [2.34]	POWER
S	N/A [N/A]	SIGNAL
R	N/A [N/A]	SIGNAL
P	N/A [N/A]	SIGNAL
N	N/A [N/A]	SIGNAL
PE	0.042 [1.07]	POWER

PRODUCT NO.	ROWS	SIGNAL								POWER								E1
		E2	6	5	4	3	2	1	P9	P8	P7	P6	P5	P4	P3	P2	P1	
51866-047-- NOTE: 3	D C B A		S	S	S	S	S	S	P	P	P	P	P	P	P	P	P	
			R	R	R	R	R	R										
			P	P	P	P	P	P										
			N	N	N	N	N	N										



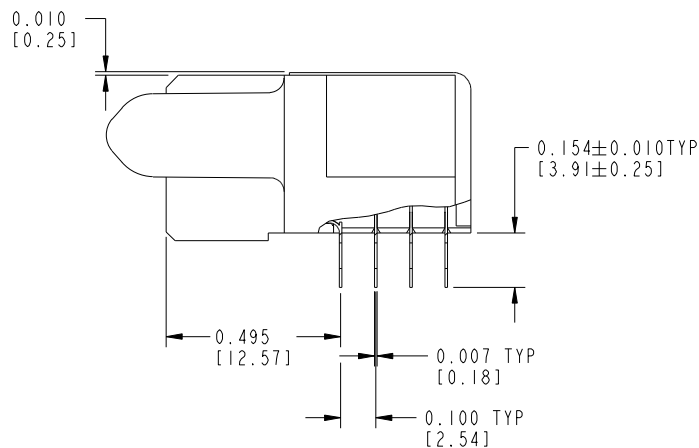
mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER		FCI		www.fciconnect.com											
litr		ecn no.		dr		date		linear		.XX±.01/0.X±0.3		COPY		projection				title		3ACP + 6P + 24S R/A PF RECEPTACLE							
A		DG10-0164		SM		05/05/10				.XXX±.005/0.XX±0.13		.XXX±.0020/0.XXX±0.051															
								angles		0°±2°				INCH/MM				product family		PwrBlade		code					
								dr		Shower Ma		05/05/10		scale		1:1		size		dwg no		A		51866-047		sheet 1 of 1	
								enrg		Shower Ma		05/05/10															
								chr		PM ZHENG		05/05/10															
								appd		Joseph Hsia		05/05/10															
sheet index		revision		A		A		A		A																	
sheet		sheet		1		2		3		4																	
				Pro/E								3						cage code		22526				4			

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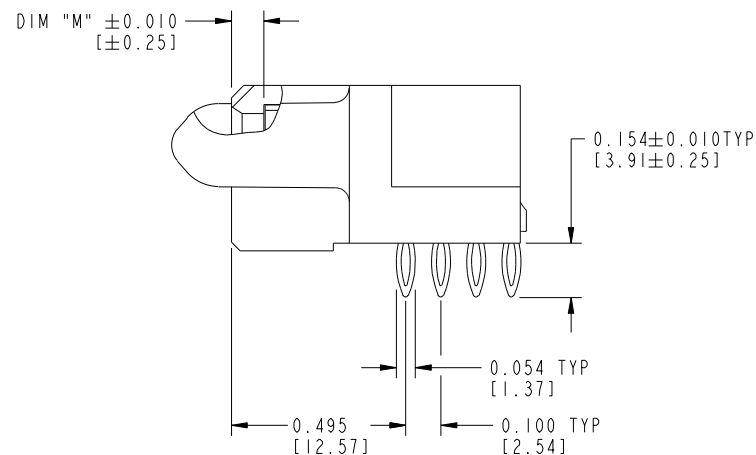


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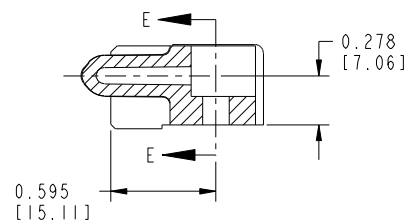
PRODUCT NUMBER
51866-047--
NOTE: 3



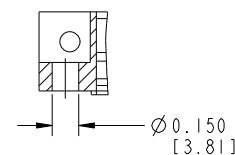
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com			
litr		ecn no.		dr		date		linear		.XX±.01/0.X±0.3		COPY				projection				title			
A										.XXX±.005/0.XX±0.13													
								angles		.XXX±.0020/0.XXX±0.051										3ACP + 6P + 24S R/A PF RECEPTACLE			
										0°±2°													
				dr		Shower Ma		05/05/10		INCH/MM				product family				PwrBlade				code	
				enr		Shower Ma		05/05/10						size				dwg no				213	
				chr		PM ZHENG		05/05/10						scale				A				51866-047	
				appd		Joseph Hsia		05/05/10														2 of	
sheet index		revision		sheet																			

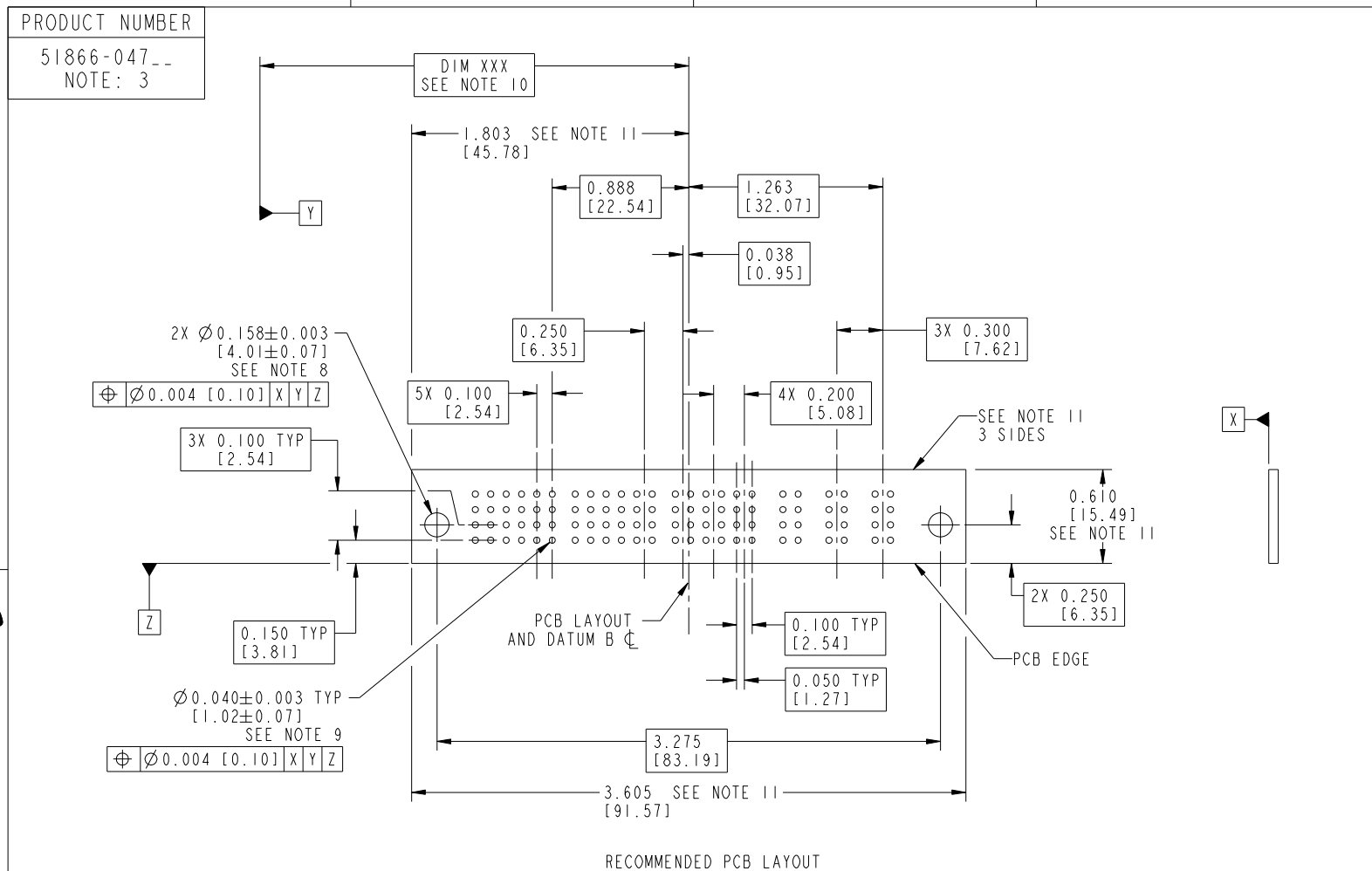
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cage code 22526



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mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A						linear	.XX $\pm$.01/0.X $\pm$ 0.3	projection		title 3ACP + 6P + 24S R/A PF RECEPTACLE	
						angles	.XXX $\pm$.005/0.XX $\pm$ 0.13 .XXX $\pm$.0020/0.XXX $\pm$ 0.051			product family PwrBlade	
						dr	Shower Ma 05/05/10	INCH/MM		code 213	
						enrg	Shower Ma 05/05/10			size 213	
						chr	PM ZHENG 05/05/10	scale		sheet 3 of 4	
						appd	Joseph Hsia 05/05/10	1:1		A 51866-047	
sheet index	revision sheet									cage code 22526	

Pro/E

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PRODUCT NUMBER
51866-047-- 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 51866-047 AND 51866-047LF RESPECTIVELY.

4. MANUFACTURER'S NAME, P/N, AND DATE CODE 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. $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH .0003 [0.008] MIN SnPb OVER .001 [0.03] TO .003 [0.08] Cu PLATING TO ACHIEVE $\varnothing .040 \pm .003$ [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 OPTIMIZING THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		title
A					.XXX±.005/0.XX±0.13		projection		
				angles	.XXX±.0020/0.XXX±0.051				3ACP + 6P + 24S R/A PF RECEPTACLE
					0°±2°				
				dr	Shower Ma	05/05/10			product family PwrBlade
				enr	Shower Ma	05/05/10			
				chr	PM ZHENG	05/05/10	scale 1:1		size dwg no A 51866-047
				appd	Joseph Hsia	05/05/10			
sheet index	revision sheet								code 213 sheet 4 of 4

cage code 22526