









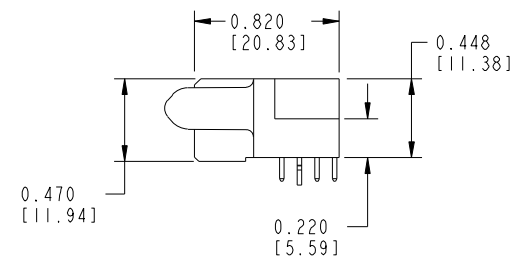
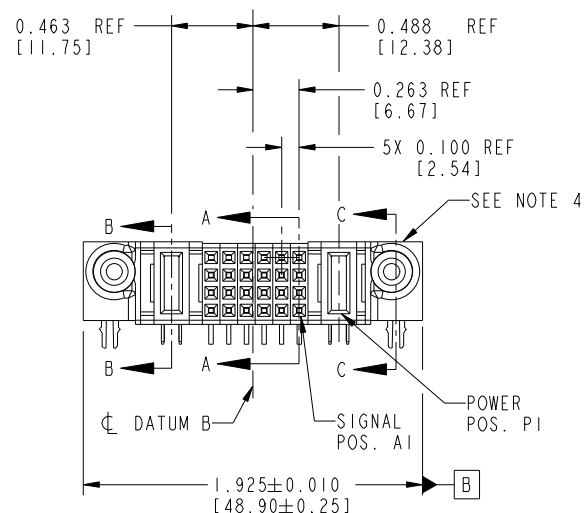


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	N/A [N/A]	SIGNAL
F	N/A [N/A]	SIGNAL
G	N/A [N/A]	SIGNAL
H	N/A [N/A]	SIGNAL
PA	0.042 [1.07]	POWER
PC	0.092 [2.34]	POWER
HA	N/A [N/A]	HOLD-DOWN

PRODUCT NO.	ROWS	PWR		SIGNAL					PWR		
		E2	P2	6	5	4	3	2	1	P1	E1
51416-004_- NOTE ③	D C B A		PA	H	H	H	H	H	H	PC	
				G	G	G	G	G	G		
				F	F	F	F	F	F		
				E	E	E	E	E	E		



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
A	DG07-0312	SH	08/08/07	angles	.XXX±.005/0.XX±0.13	projection		title	IP + 24S + IP
					.XXX±.0020/0.XXX±0.051	INCH/MM		RIGHT ANGLE SOLDER RECEPT.	
				dr	Sincere He 08/08/07	scale	1:1	product family	PwrBlade
				enrg	Sincere He 08/08/07			size	dwg no
				chr	Gary Hsieh 08/08/07			A	51416-004
				appd	Joseph Hsia 08/08/07				code
sheet index	revision sheet	A	A	A	A				213
		1	2	3	4				sheet 1 of 4

Pro/E

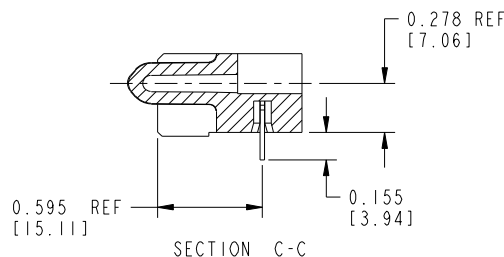
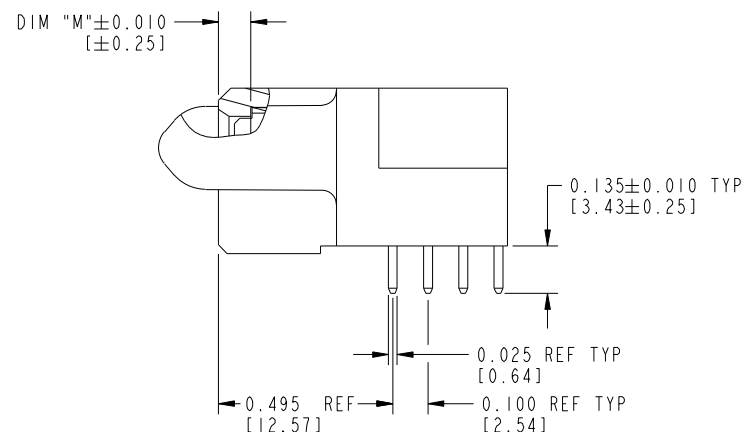
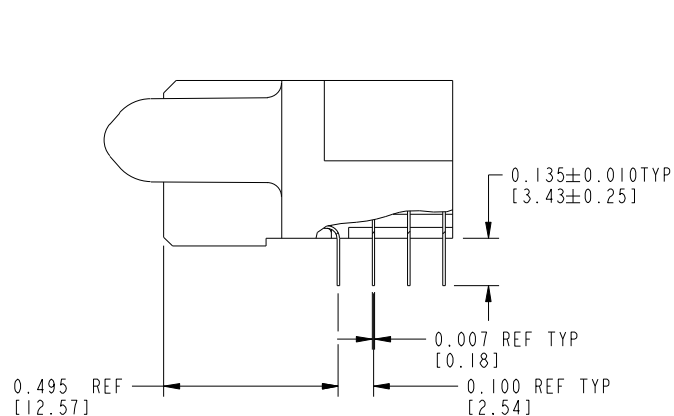
cage code 22526



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PRODUCT NUMBER
51416-004--
NOTE ③



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com							
litr		ecr no.		dr		date		linear		.XX±.01/0.X±0.3				COPY								title IP + 24S + IP RIGHT ANGLE SOLDER RECEPT					
A										.XXX±.005/0.XX±0.13				INCH/MM													
								angles		.XXX±.0020/0.XXX±0.051				scale				product family				PwrBlade				code	
										0°±2°				1:1				size		dwg no		213					
								dr		Sincere He		08/08/07						A		51416-004		sheet					
								enr		Sincere He		08/08/07										2 of					
								chr		Gary Hsieh		08/08/07															
								appd		Joseph Hsia		08/08/07															
sheet index		revision sheet																									

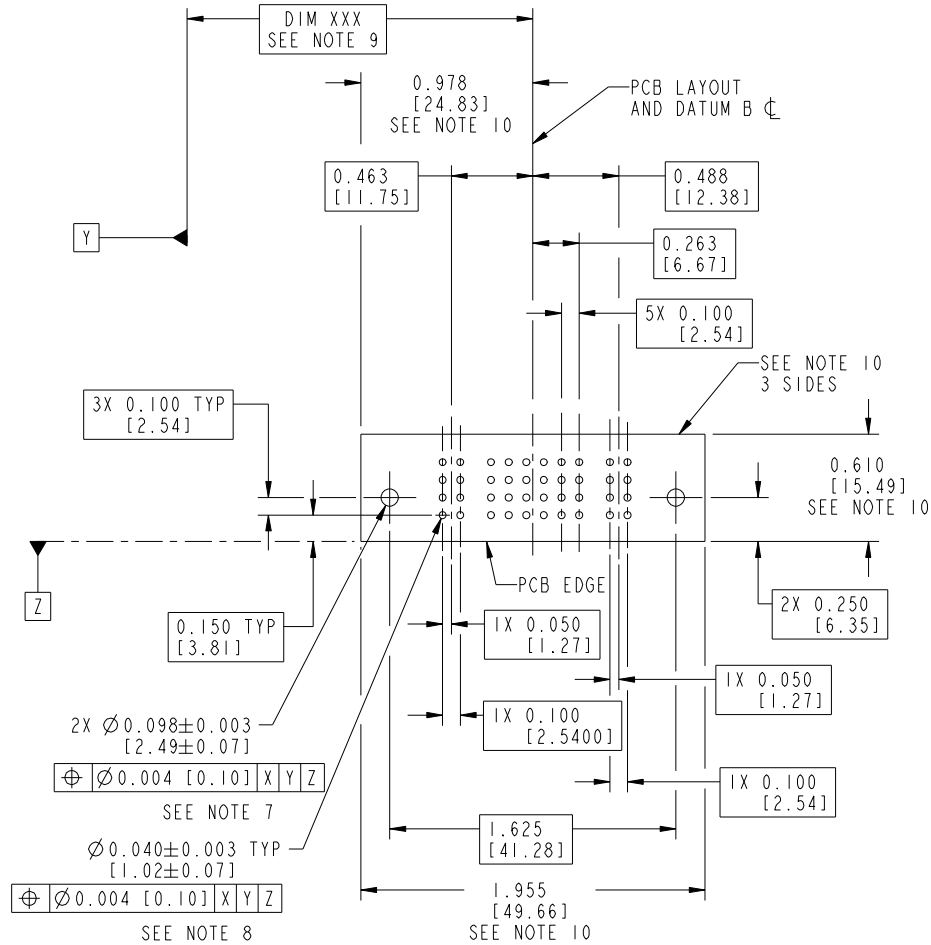
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PRODUCT NUMBER
51416-004--
NOTE ③



RECOMMENDED PCB LAYOUT

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litr	ecn no.	dr	date			linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
A						linear	.XXX±.005/0.XX±0.13	projection		title	IP + 24S + IP
						angles	.XXX±.0020/0.XXX±0.051			product family	PwrBlade
						dr	Sincere He 08/08/07	INCH/MM		code	213
						enr	Sincere He 08/08/07	scale		sheet	3 of 4
						chr	Gary Hsieh 08/08/07	1:1		size	dwg no
						appd	Joseph Hsia 08/08/07			51416-004	
sheet index	revision sheet									cage code	22526

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B

A

PRODUCT NUMBER																																																																																																															
51416-004_																																																																																																															
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: SEE PRINT 10064183 FOR PLATING SPEC OF 51416-004; 51416-004LF																																																																																																															
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.																																																																																																															
PCB NOTES:																																																																																																															
6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.																																																																																																															
⑦ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.																																																																																																															
⑧ $\varnothing .0453 \pm 0.0010$ [1.151 \pm 0.025] DRILLED HOLES PLATED WITH .0003 [0.008] MIN SnPb OR Sn OVER .001 [0.03] TO .003 [0.08] Cu PLATING TO ACHIEVE $\varnothing .040 \pm .003$ [1.02 \pm .07] HOLE.																																																																																																															
⑨ "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.																																																																																																															
⑩ CONNECTOR KEEP-OUT ZONE.																																																																																																															
<table border="1"><thead><tr><th colspan="4">mat'l code SEE NOTE 2</th><th colspan="2">tolerances unless otherwise specified</th><th colspan="2">CUSTOMER</th><th colspan="2">FCI</th></tr><tr><th>ltr</th><th>ecr no.</th><th>dr</th><th>date</th><th></th><th></th><th colspan="2">COPY</th><th colspan="2">www.fciconnect.com</th></tr></thead><tbody><tr><td>A</td><td></td><td></td><td></td><td>linear</td><td>.XX \pm .01 / 0.X \pm 0.3</td><td>projection</td><td colspan="3">title IP + 24S + 1P RIGHT ANGLE SOLDER RECEPT.</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>.XXX \pm .005 / 0.XX \pm 0.13</td><td></td><td colspan="3">product family PwrBlade code 213</td></tr><tr><td></td><td></td><td></td><td></td><td>angles</td><td>.XXX \pm .0020 / 0.XXX \pm 0.051</td><td></td><td colspan="3">size dwg no 51416-004 sheet 4 of 4</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>0° \pm 2°</td><td>INCH/MM</td><td colspan="3"></td></tr><tr><td></td><td></td><td></td><td></td><td>dr</td><td>Sincere He 08/08/07</td><td>scale 1:1</td><td colspan="3"></td></tr><tr><td></td><td></td><td></td><td></td><td>enrg</td><td>Sincere He 08/08/07</td><td></td><td colspan="3"></td></tr><tr><td></td><td></td><td></td><td></td><td>chr</td><td>Gary Hsieh 08/08/07</td><td></td><td colspan="3"></td></tr><tr><td></td><td></td><td></td><td></td><td>appd</td><td>Joseph Hsia 08/08/07</td><td></td><td colspan="3"></td></tr><tr><td>sheet index</td><td>revision sheet</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>		mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI		ltr	ecr no.	dr	date			COPY		www.fciconnect.com		A				linear	.XX \pm .01 / 0.X \pm 0.3	projection	title IP + 24S + 1P RIGHT ANGLE SOLDER RECEPT.								.XXX \pm .005 / 0.XX \pm 0.13		product family PwrBlade code 213							angles	.XXX \pm .0020 / 0.XXX \pm 0.051		size dwg no 51416-004 sheet 4 of 4								0° \pm 2°	INCH/MM								dr	Sincere He 08/08/07	scale 1:1								enrg	Sincere He 08/08/07									chr	Gary Hsieh 08/08/07									appd	Joseph Hsia 08/08/07					sheet index	revision sheet								
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