

















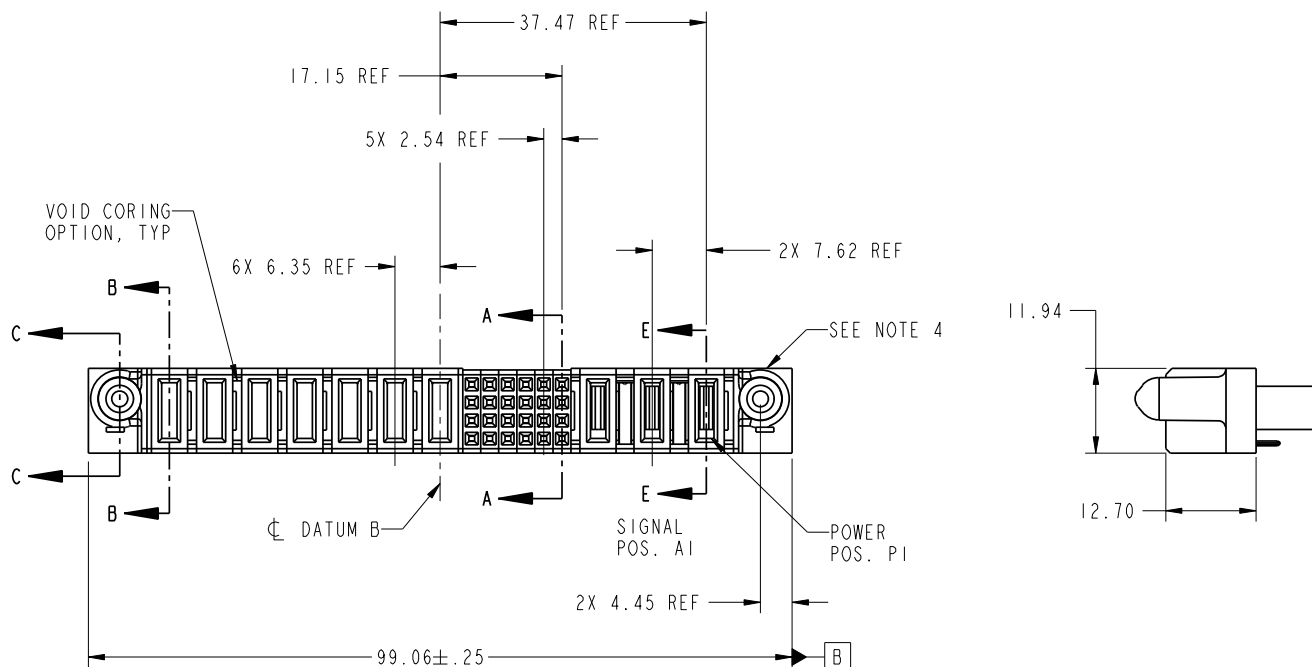


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PRODUCT NO.	ROW S	POWER								SIGNAL					POWER			E1	
		E2	P10	P9	P8	P7	P6	P5	P4	6	5	4	3	2	1	P3	P2		P1
51940-231-- NOTE: 3	D C B A		 PD	 PD	 PD	 PD	 PD	 PA	 PA	 E	 E	 E	 E	 E	 E	 PG	 PH	 PH	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
PD	[2.34]	POWER
PH	[2.34]	POWER
PG	[1.07]	POWER
PA	[1.07]	POWER

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear		0.X ± 0.3		COPY		www.fciconnect.com	
A	DG07-0282	RYUAN	07/06/07			0.XX ± 0.13		projection		title	
				angles		0.XXX ± 0.051				3ACP + 24S + 7P VERTICAL STB RECEPT	
				dr	RYAN YUAN	06/25/07		scale	1:1	product family	PwrBlade
				enrg	RYAN YUAN	06/25/07				size	dwg no
				chr	GARY HSIEH	06/25/07				A	51940-231
				appd	JOSEPH HSIA	06/25/07					code
sheet index	revision	sheet	A	A	A	A					213
			1	2	3	4					sheet 1 of 4

code code 22526

Pro/E

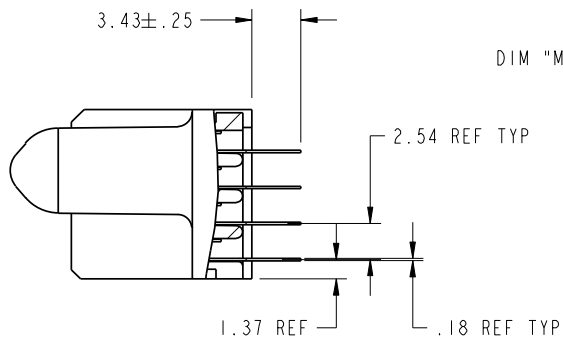
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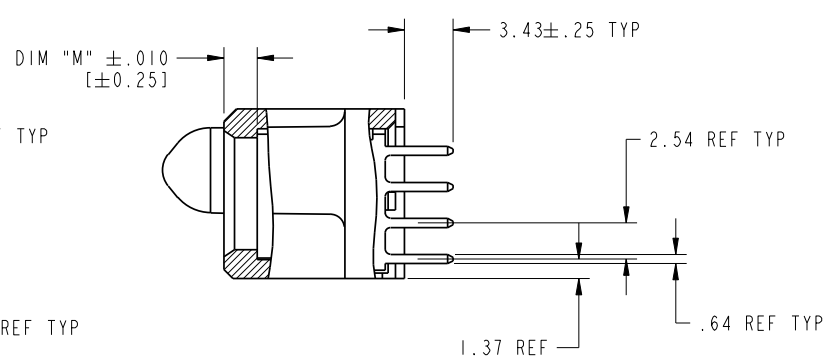
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PRODUCT NUMBER

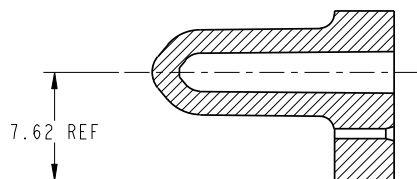
51940-231__
NOTE: 3



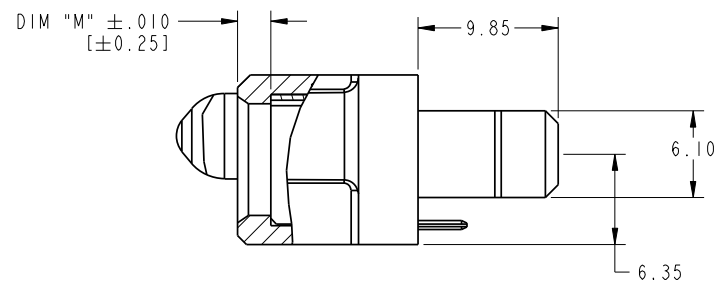
SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C
SCALE 2:1



SECTION E-E
SCALE 2:1

mat'l code				tolerances unless otherwise specified		CUSTOMER	
litr	ecr no.	dr	date	linear	0.X ±0.3	COPY	
A					0.XX ±0.13	projection	
				angles	0.XXX ±0.051		title
				dr	0° ±2°	MM	3ACP + 24S + 7P VERTICAL STB RECEPT
				enrg	RYAN YUAN 06/25/07	scale	product family PwrBlade
				chr	GARY HSIEH 06/25/07	1:1	size dwg no
				appd	JOSEPH HSIA 06/25/07		51940-231
sheet index	revision sheet						code
							213
							sheet 2 of 4



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product family PwrBlade
size dwg no 51940-231

cage code 22526

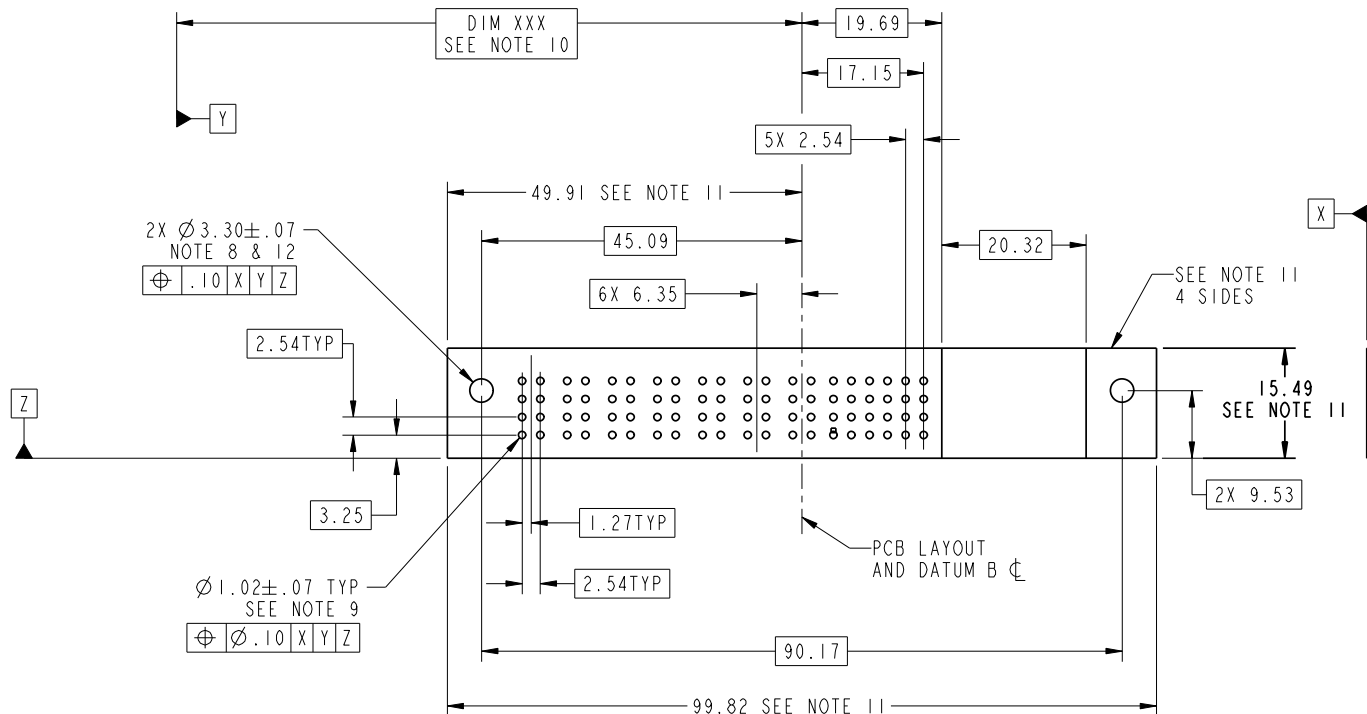
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PRODUCT NUMBER
51940-231__
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER	
litr	ecn no.	dr	date	linear	0.X ±0.3	COPY	
A					0.XX ±0.13	projection	
				angles	0.XXX ±0.051		
				dr	0° ±2°		
				engr	RYAN YUAN 06/25/07	MM	
				chr	RYAN YUAN 06/25/07	scale	
				appd	GARY HSIEH 06/25/07	1:1	
					JOSEPH HSIA 06/25/07		
sheet index	revision sheet						



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title
3ACP + 24S + 7P
VERTICAL STB RECEPT

product family PwrBlade code 213

size dwg no 51940-231 sheet 3 of 4

cage code 22526

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51940-231__ NOTE: 3																																																																																																					
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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 SPEC. 51940-231, 51940-231LF PLATING SPEC. WAS SHOWN IN THE PRINT OF 10064183.																																																																																																					
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.																																																																																																					
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 RECOMMENDED RETENTION TO PCB $\varnothing .130[3.30]$ THRU HOLE FOR #5 SOCKET HEAD CAP SCREW MAX. HEAD .205[5.21] RECOMMENDED SCREW LENGTH .472 [11.99] + PCB THICKNESS. RECOMMENDED SCREW SEATING TO PCB TORQUE: 2-5 lbf-in (2300-5760 gf-cm).																																																																																																					
<table border="1"><thead><tr><th colspan="4">mat'l code</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>ecn no.</th><th>dr</th><th>date</th><th>linear</th><th>angles</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>$0.X \pm 0.3$</td><td></td><td colspan="2">projection</td><td colspan="2">title</td></tr><tr><td></td><td></td><td></td><td></td><td>$0.XX \pm 0.13$</td><td></td><td colspan="2"></td><td colspan="2">3ACP + 24S + 7P VERTICAL STB RECEPT</td></tr><tr><td></td><td></td><td></td><td></td><td>$0.XXX \pm 0.051$</td><td></td><td colspan="2"></td><td colspan="2">product family PwrBlade</td></tr><tr><td></td><td></td><td></td><td></td><td>dr RYAN YUAN 06/25/07</td><td></td><td colspan="2">scale 1:1</td><td colspan="2">code 213</td></tr><tr><td></td><td></td><td></td><td></td><td>enrg RYAN YUAN 06/25/07</td><td></td><td colspan="2"></td><td colspan="2">sheet 4 of 4</td></tr><tr><td></td><td></td><td></td><td></td><td>chr GARY HSIEH 06/25/07</td><td></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td>appd JOSEPH HSIA 06/25/07</td><td></td><td colspan="2"></td><td colspan="2"></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				tolerances unless otherwise specified		CUSTOMER		FCI		ltr	ecn no.	dr	date	linear	angles	COPY		www.fciconnect.com		A				$0.X \pm 0.3$		projection		title						$0.XX \pm 0.13$				3ACP + 24S + 7P VERTICAL STB RECEPT						$0.XXX \pm 0.051$				product family PwrBlade						dr RYAN YUAN 06/25/07		scale 1:1		code 213						enrg RYAN YUAN 06/25/07				sheet 4 of 4						chr GARY HSIEH 06/25/07										appd JOSEPH HSIA 06/25/07						sheet index	revision sheet								
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