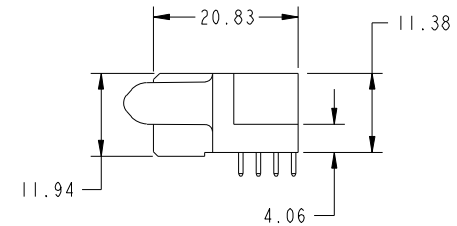
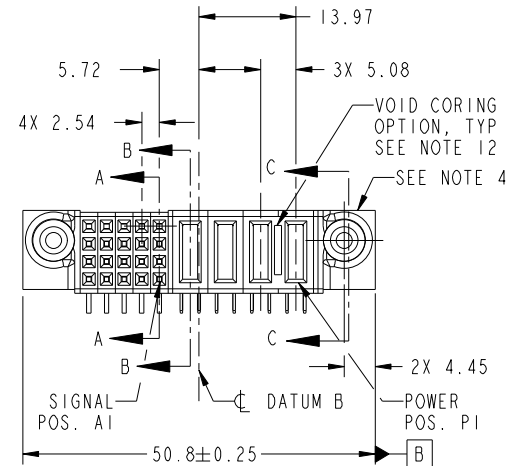


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PRODUCT NO.	ROWS		SIGNAL					POWER				
		E2	5	4	3	2	1	P4	P3	P2	P1	E1
51915-159_ _ NOTE 3	D C B A		H	H	H	H	H	PA	PA	PA	PA	
			G	G	G	G	G					
			F	F	F	F	F					
			E	E	E	E	E					



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

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		title 4P + 20S R/A SOLDER RECEPTACLE	
A	DG08-0087	SH	04/15/08		0.XX ±0.25		projection 			
					0.XXX ±0.1					
				angles	0° ±2°		 MM scale 1:1	product family PwrBlade		code
				dr	Sincere He	04/08/08		size A	dwg no 51915-159	213
				enrg	Sincere He	04/08/08				sheet
				chr	Gary Hsieh	04/08/08		1 of 4		
				appd	Joseph Hsia	04/08/08				
sheet index	revision sheet	A	A	A	A					
		1	2	3	4					

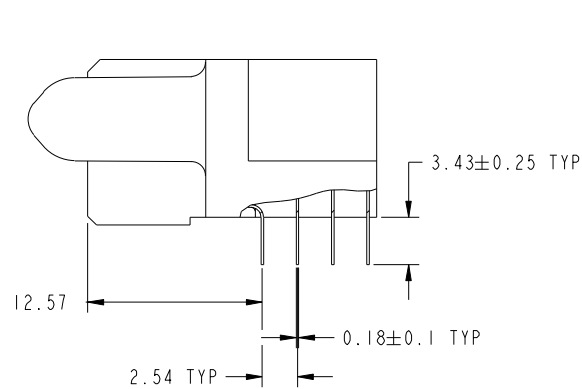
cage code
22526

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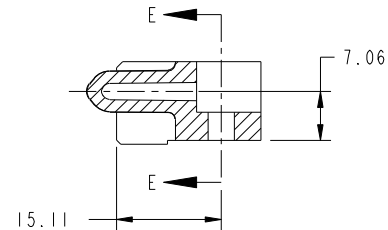


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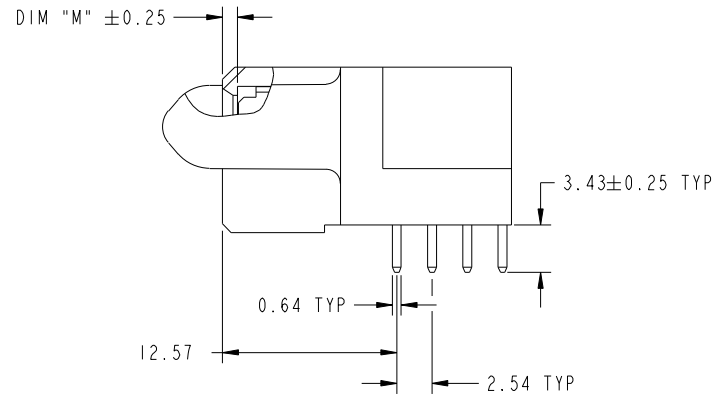
PRODUCT NUMBER
51915-159-
NOTE 3



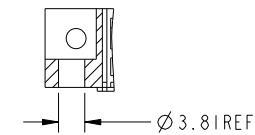
BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1



PARTIAL SECTION E-E

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		title	4P + 20S R/A SOLDER RECEPTACLE		
A					0.XX ±0.25		projection					
					0.XXX ±0.1							
				angles	0° ±2°				product family		PwrBlade	code
				dr	Sincere He	04/08/08	scale 1:1		size		dwg no	213
				enrg	Sincere He	04/08/08			A		51915-159	sheet
				chr	Gary Hsieh	04/08/08						2 of 4
				appd	Joseph Hsia	04/08/08						
sheet index		revision sheet										

Pro/E

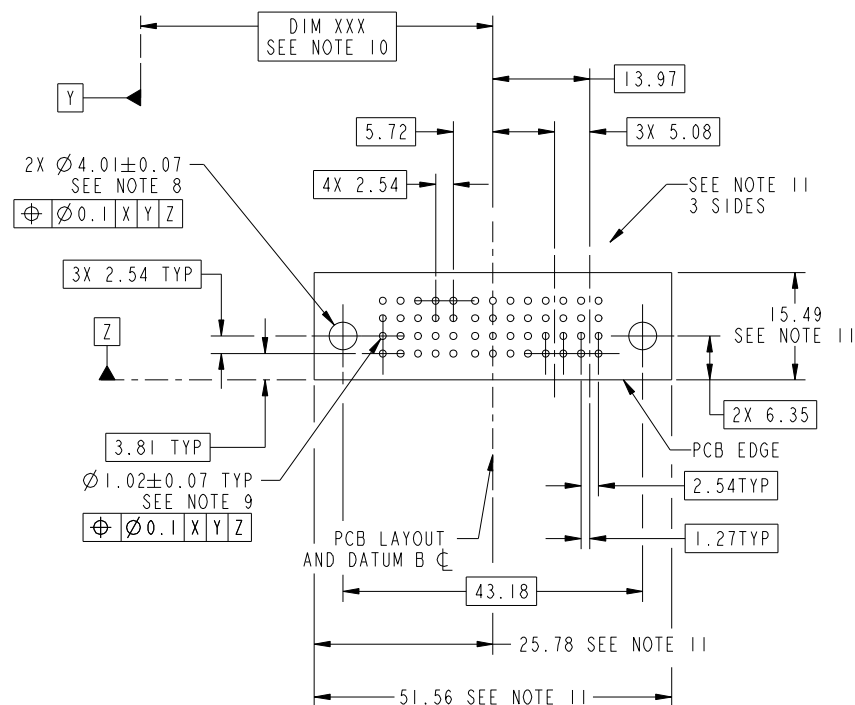
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PRODUCT NUMBER

51915-159--
NOTE 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2			tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date				linear	0.X ± 0.5	COPY		www.fciconnect.com	
A							linear	0.XX ± 0.25	projection		title	
							angles	0.XXX ± 0.1			4P + 20S	
							angles	0° ± 2°			R/A SOLDER RECEPTACLE	
							dr	Sincere He 04/08/08			product family	
							enrg	Sincere He 04/08/08			PwrBlade	
							chr	Gary Hsieh 04/08/08			code	
							appd	Joseph Hsia 04/08/08			213	
sheet index		revision sheet							scale		size	
									1:1		dwg no	
											51915-159	
											sheet	
											3 of 4	

Pro/E

cage code 22526

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51915-159-- 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: 51915-159, 51915-159LF 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. 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 NO EFFECT TO PRODUCT FUNCTION.																																																																																																																			
<table><tr><td colspan="4">mat'l code</td><td colspan="2">SEE NOTE 2</td><td colspan="2">tolerances unless otherwise specified</td><td colspan="2">CUSTOMER</td><td colspan="2"> www.fciconnect.com</td></tr><tr><td>ltr</td><td>ecn no.</td><td>dr</td><td>date</td><td rowspan="3">linear</td><td colspan="2">$0.X \pm 0.5$</td><td colspan="2">COPY</td><td rowspan="3"></td><td colspan="2">title</td></tr><tr><td>A</td><td></td><td></td><td></td><td colspan="2">$0.XX \pm 0.25$</td><td colspan="2">projection</td><td colspan="2">4P + 20S</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="2">$0.XXX \pm 0.1$</td><td colspan="2">angles</td><td colspan="2">R/A SOLDER RECEPTACLE</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>$0^\circ \pm 2^\circ$</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td>dr</td><td>Sincere He</td><td>04/08/08</td><td rowspan="3"></td><td colspan="2">product family</td><td>PwrBlade</td><td>code</td></tr><tr><td></td><td></td><td></td><td></td><td>enrg</td><td>Sincere He</td><td>04/08/08</td><td colspan="2">size</td><td>dwg no</td><td>213</td></tr><tr><td></td><td></td><td></td><td></td><td>chr</td><td>Gary Hsieh</td><td>04/08/08</td><td colspan="2">scale</td><td>51915-159</td><td>sheet</td></tr><tr><td></td><td></td><td></td><td></td><td>appd</td><td>Joseph Hsia</td><td>04/08/08</td><td colspan="2">1:1</td><td>A</td><td>4 of 4</td><td></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><td></td><td></td></tr></table>		mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com		ltr	ecn no.	dr	date	linear	$0.X \pm 0.5$		COPY			title		A				$0.XX \pm 0.25$		projection		4P + 20S						$0.XXX \pm 0.1$		angles		R/A SOLDER RECEPTACLE								$0^\circ \pm 2^\circ$										dr	Sincere He	04/08/08		product family		PwrBlade	code					enrg	Sincere He	04/08/08	size		dwg no	213					chr	Gary Hsieh	04/08/08	scale		51915-159	sheet					appd	Joseph Hsia	04/08/08	1:1		A	4 of 4		sheet index	revision sheet										
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