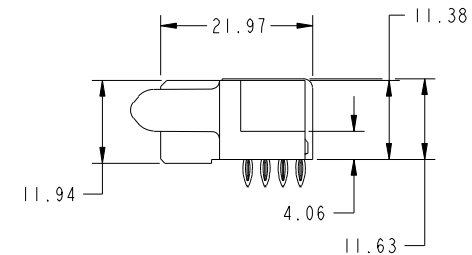
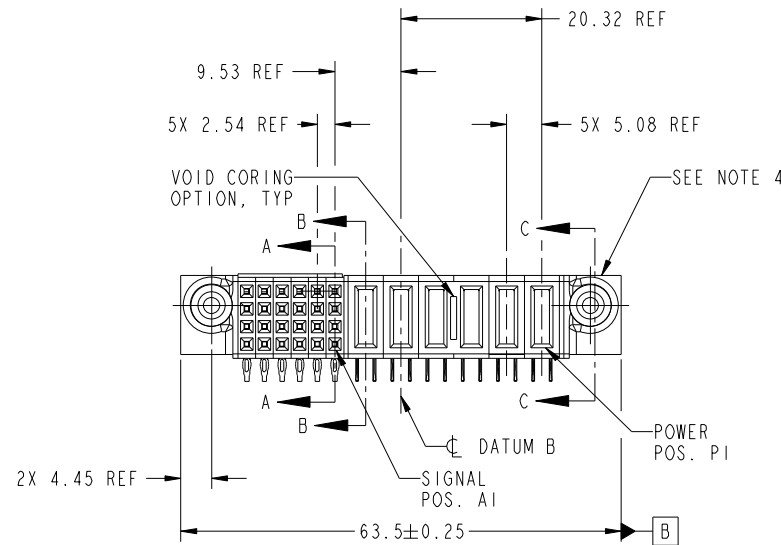


Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NO.	ROWS	SIGNAL							POWER						E1
		E2	6	5	4	3	2	1	P6	P5	P4	P3	P2	P1	
51866-044-- NOTE 3	D C B A		S	S	S	S	S	S	Pf	Pf	Pf	Pf	Pf	Pf	
			R	R	R	R	R	R							
			P	P	P	P	P	P							
			N	N	N	N	N	N							



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

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date			linear	0.X ± 0.3	COPY		www.fciconnect.com	
A	DG07-0289	JC	07/17/07				0.XX ± 0.13	projection		title	
						angles	0.XXX ± 0.051			6P + 24S	
							0° ± 2°			R/A PRESSFIT RECEPTACLE	
						dr	Jerome Chen 07/11/07			product family	PwrBlade
						enrg	Jerome Chen 07/11/07			size	213
						chr	Gary Hsieh 07/11/07			dwg no	51866-044
						appd	Joseph Hsia 07/11/07			sheet	1 of 4
sheet index	revision sheet	A	A	A	A			scale	1:1		

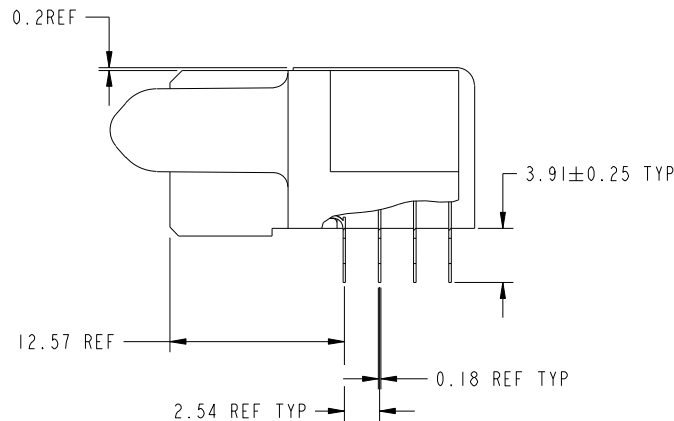
cage code 22526

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.

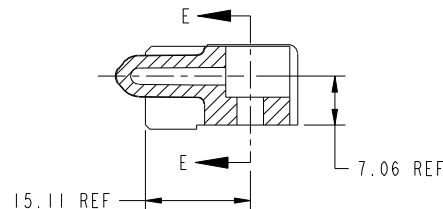


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

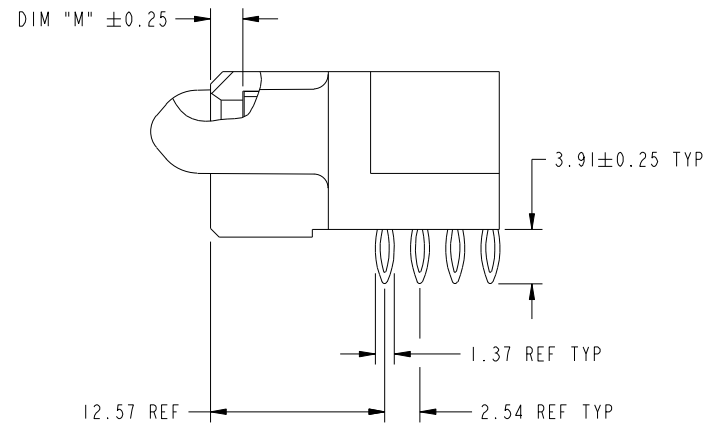
PRODUCT NUMBER
51866-044--
NOTE 3



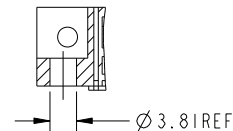
BROKEN-OUT SECTION A-A
SCALE 2:1



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 ± 0.3		COPY		title 6P + 24S R/A PRESSFIT RECEPTACLE		
A					0.XX ± 0.13		projection 				
					0.XXX ± 0.051						
				angles	0° ± 2°		MM  scale 1:1		product family PwrBlade		code
				dr	Jerome Chen	07/11/07			size	dwg no	213
				engr	Jerome Chen	07/11/07			A	51866-044	sheet
				chr	Gary Hsieh	07/11/07					2 of 4
				appd	Joseph Hsia	07/11/07					
sheet index	revision sheet										

Pro/E

cage code 22526

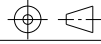
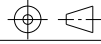
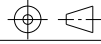
All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor.
Property of FCI. Copyright FCI.

4

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER																																																																																																																																	
51866-044-- 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: 51866-044, 51866-044LF 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 $\varnothing 1.02 \pm .07$ HOLE.																																																																																																																																	
(10.) "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.																																																																																																																																	
(11.) CONNECTOR KEEP-OUT ZONE.																																																																																																																																	
12. USE FCI CAM TOOL 430140-XXX TO APPLY CONNECTOR TO PCB.																																																																																																																																	
<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"></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">$0.X \pm 0.3$</td><td colspan="2">COPY</td><td rowspan="3"></td><td colspan="3" rowspan="3">title 6P + 24S R/A PRESSFIT RECEPTACLE</td></tr><tr><td>A</td><td></td><td></td><td></td><td colspan="2">$0.XX \pm 0.13$</td><td colspan="2">projection</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="2">$0.XXX \pm 0.051$</td><td colspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td>angles</td><td colspan="2">$0^\circ \pm 2^\circ$</td><td colspan="2"></td><td colspan="3" rowspan="3">product family PwrBlade</td><td colspan="2">code</td></tr><tr><td></td><td></td><td></td><td></td><td>dr</td><td colspan="2">Jerome Chen 07/11/07</td><td colspan="2">scale</td><td colspan="2">size</td><td colspan="2">213</td></tr><tr><td></td><td></td><td></td><td></td><td>enrg</td><td colspan="2">Jerome Chen 07/11/07</td><td colspan="2">1:1</td><td colspan="2">dwg no</td><td colspan="2">sheet</td></tr><tr><td></td><td></td><td></td><td></td><td>chr</td><td colspan="2">Gary Hsieh 07/11/07</td><td colspan="2"></td><td colspan="2">A</td><td colspan="2">51866-044</td><td colspan="2">4 of 4</td></tr><tr><td></td><td></td><td></td><td></td><td>appd</td><td colspan="2">Joseph Hsia 07/11/07</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">sheet index</td><td colspan="2">revision sheet</td><td></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	$0.X \pm 0.3$		COPY			title 6P + 24S R/A PRESSFIT RECEPTACLE			A				$0.XX \pm 0.13$		projection						$0.XXX \pm 0.051$								angles	$0^\circ \pm 2^\circ$				product family PwrBlade			code						dr	Jerome Chen 07/11/07		scale		size		213						enrg	Jerome Chen 07/11/07		1:1		dwg no		sheet						chr	Gary Hsieh 07/11/07				A		51866-044		4 of 4						appd	Joseph Hsia 07/11/07										sheet index		revision sheet												
mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com																																																																																																																					
ltr	ecn no.	dr	date	linear	$0.X \pm 0.3$		COPY			title 6P + 24S R/A PRESSFIT RECEPTACLE																																																																																																																							
A					$0.XX \pm 0.13$		projection																																																																																																																										
					$0.XXX \pm 0.051$																																																																																																																												
				angles	$0^\circ \pm 2^\circ$				product family PwrBlade			code																																																																																																																					
				dr	Jerome Chen 07/11/07		scale					size		213																																																																																																																			
				enrg	Jerome Chen 07/11/07		1:1					dwg no		sheet																																																																																																																			
				chr	Gary Hsieh 07/11/07				A		51866-044		4 of 4																																																																																																																				
				appd	Joseph Hsia 07/11/07																																																																																																																												
sheet index		revision sheet																																																																																																																															
cage code		22526		4																																																																																																																													

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[51866-044LF](#)