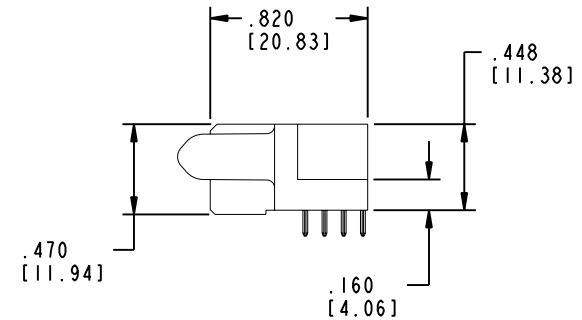
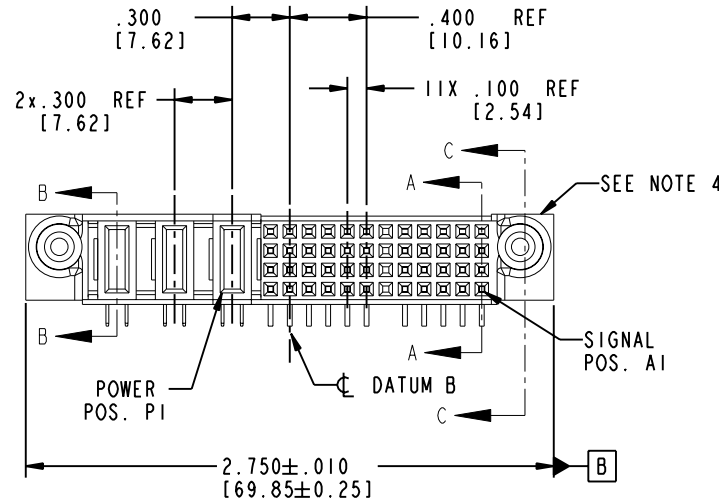


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FCI

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PRODUCT NO.	ROW S	POWER				SIGNAL														E1																																																																																																																																																																																																																																																																																																																																											
		E2	P3	P2	P1	12	11	10	9	8	7	6	5	4	3	2	1																																																																																																																																																																																																																																																																																																																																														
51915-068-- Note:③	D C B A																																																																																																																																																																																																																																																																																																																																																														



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	.092 [2.34]	POWER
H	N/A [N/A]	SIGNAL
G	N/A [N/A]	SIGNAL
F	N/A [N/A]	SIGNAL
E	N/A [N/A]	SIGNAL
PA	.042 [1.07]	POWER
X	OMITTED	OMITTED

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com		
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection		title	48S+3P R/A SOLDER RECEPTACLE		
A	DG05-0075	JM	04/21/05		.XXX±.005/0.XX±0.13							
B	DG05-0105	JM	05/10/05		.XXXX±.0020/0.XXX±0.051							
				angles	0°±2°			INCH/MM	product family	PwrBlade		
				dr	JM Guo	04/21/05				size	dwg no	213
				enrg	SLUO	04/21/05						
				chr	Victor Lin	04/21/05	scale	A	51915-068	sheet	1 of 4	
				appd	Joseph Hsiao	04/21/05						
sheet index	revision	B	B	B	B							
	sheet	1	2	3	4							

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

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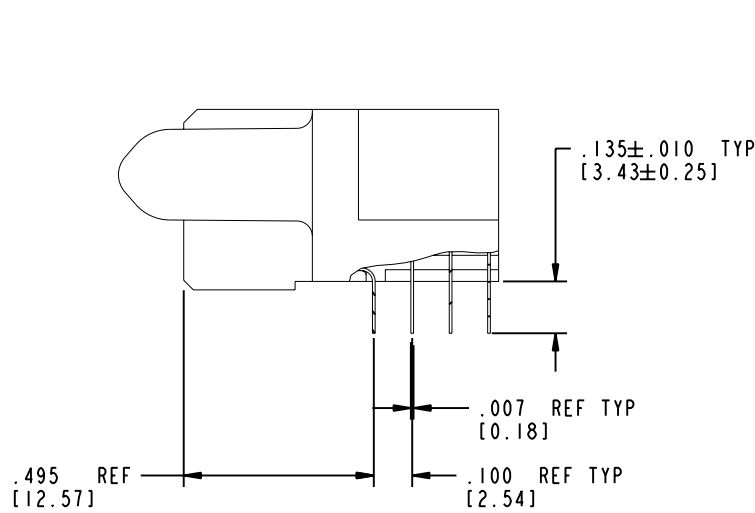
A FCI

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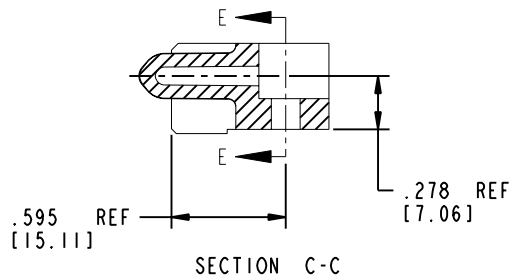
A

B

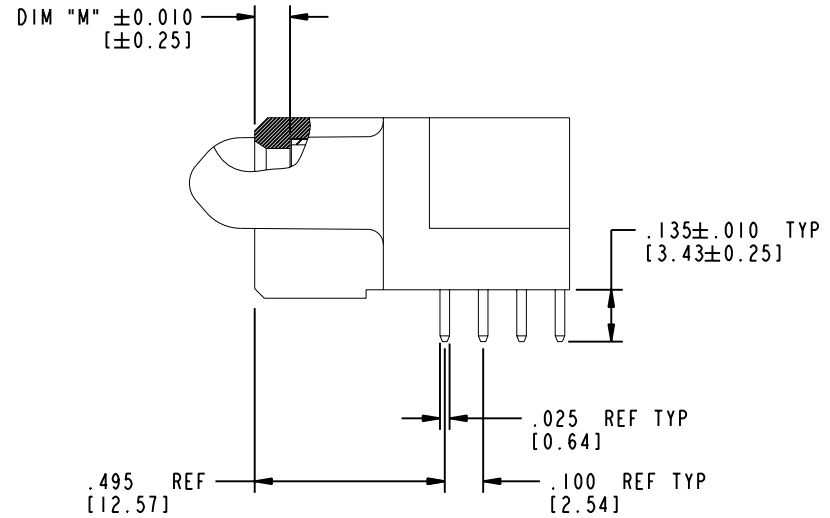
PRODUCT NUMBER
51915-068..
Note: (3)



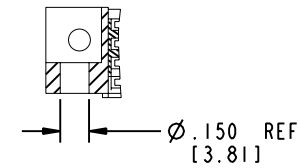
BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1



PARTIAL SECTION E-E

material code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	linear	.XXX±.005/0.XX±0.13	projection	COPY	title	48S+3P	code	213
B				angles	.XXXX±.0020/0.XXX±0.051	angles	0°±2°	INCH/MM	scale	R/A SOLDER RECEPTACLE	product family	PwrBlade	sheet 2 of 4
				dr	JM Guo 04/21/05	dr	SLUO 04/21/05	scale	1:1	size	51915-068	sheet	2 of 4
				enr	Victor Lin 04/21/05	enr	Joseph Hsiao 04/21/05						
				chr		chr							
				appd		appd							
sheet index	revision	sheet											

Pro/E

3

cage code 22526

4

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

Printed: Dec 20, 2010

PRODUCT NUMBER
51915-068..
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:

51915-068 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51915-068LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51915-068LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

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:

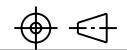
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑧. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑨. $\varnothing.0453\pm.0010$ [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.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		 INCH/MM		title	
B				angles	.XXX±.005/0.XX±0.13	projection				48S+3P	
				dr	.XXX±.0020/0.XX±0.051	scale				R/A SOLDER RECEPTACLE	
				enr	JM Guo 04/21/05	1:1		product family		PwrBlade	code
				chr	SLUO 04/21/05			size		dwg no	213
				appd	Victor Lin 04/21/05			A		51915-068	sheet
					Joseph Hsia 04/21/05						4 of 4
sheet index		revision sheet									