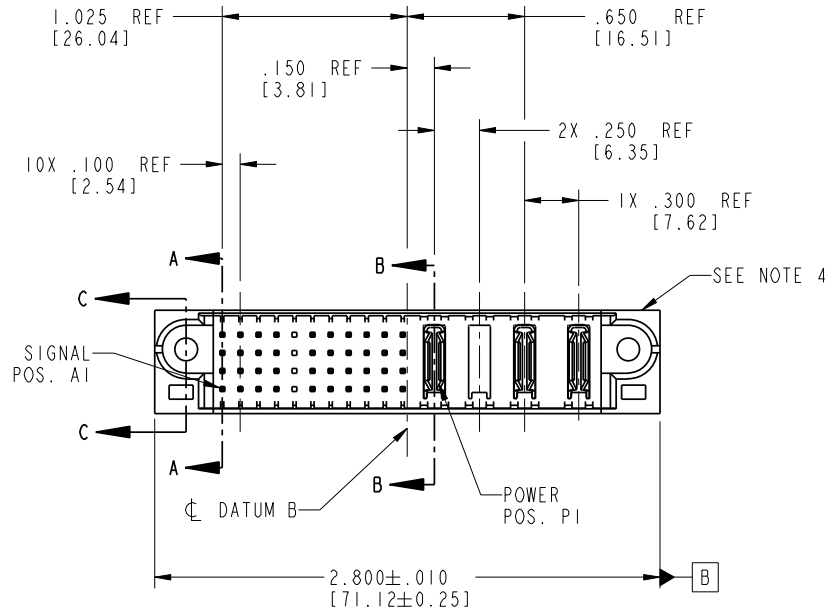


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FCI

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PRODUCT NO.	ROWS		SIGNAL										POWER									
		E1	1	2	3	4	5	6	7	8	9	10	11	P1	P2	P3	P4	E2				
51952-057-- NOTE 3	D C B A																					
																						



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	N/A [N/A]	POWER
E	.270 [6.86]	SIGNAL
HA	N/A [N/A]	HOLD-DOWN
X	OMITTED	OMITTED

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
A	DG05-0029	SLUO	02/22/05		.XXX±.005/0.XX±0.13	projection		title	44S + 4P
B	DG05-0515	RYAN	12/16/05	angles	.XXX±.0020/0.XXX±0.051	INCH/MM		product family	PwrBlade
				dr	Sluo	02/22/05		code	213
				enrg	Sluo	02/22/05		size	dwg no
				chr	Victor Lin	02/22/05		scale	51952-057
				appd	Joseph hsia	02/22/05		sheet	1 of 4
sheet index	revision	B	B	B	B				
	sheet	1	2	3	4				

Pro/E

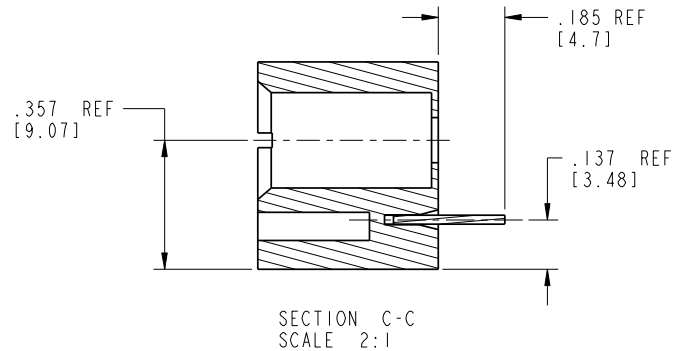
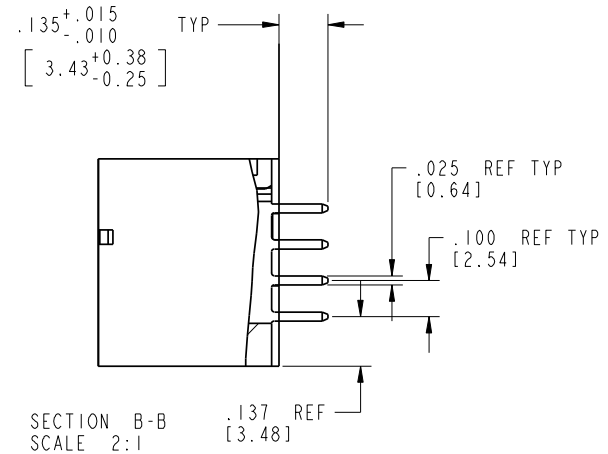
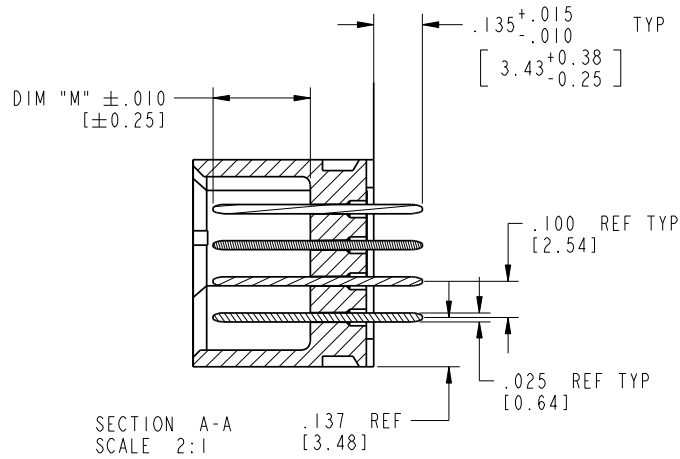
code code 22526

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PRODUCT NUMBER
51952-057__



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com		
litr	ecn no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3			COPY		title44S + 4P VERTICAL SOLDER HEADER		
B					.XXX $\pm$.005/0.XX $\pm$ 0.13			projection				
				angles	.XXX $\pm$.0020/0.XXX $\pm$ 0.051							
					0 $\pm$ 2°							
				dr	Sluo	02/22/05		INCH/MM		product familyPwrBlade		code
				enrg	Sluo	02/22/05				size	dwg no	213
				chr	Victor Lin	02/22/05		scale1:1		A51952-057		sheet
				appd	Joseph hsia	02/22/05						2 of 4
sheet index		revision sheet										

code code 22526

Pro/E

Δ **ΕΙ**

Δ **ΕΙ**



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A

B

PRODUCT NUMBER
51952-057__

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:

51952-057: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA

51952-057LF: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA

PART NUMBER 51952-057LF 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:

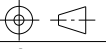
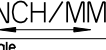
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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				tolerances unless otherwise specified		CUSTOMER	
lfr	ecn no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3	COPY	A FCI
B				linear	.XXX $\pm$.005/0.XX $\pm$ 0.13	projection	www.fciconnect.com
				linear	.XXX $\pm$.0020/0.XXX $\pm$ 0.051		title
				angles	0° $\pm$ 2°		44S + 4P
				dr	Sluo 02/22/05	INCH/MM	product family
				enrg	Sluo 02/22/05		PwrBlade
				chr	Victor Lin 02/22/05		code
				appd	Joseph hsia 02/22/05		213
sheet index	revision	sheet				scale	size
						1:1	dwg no
							A
							51952-057
							4 of 4

A

B

1 | 2

Pro/E

3 |

cage code 22526

4

Mouser Electronics

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