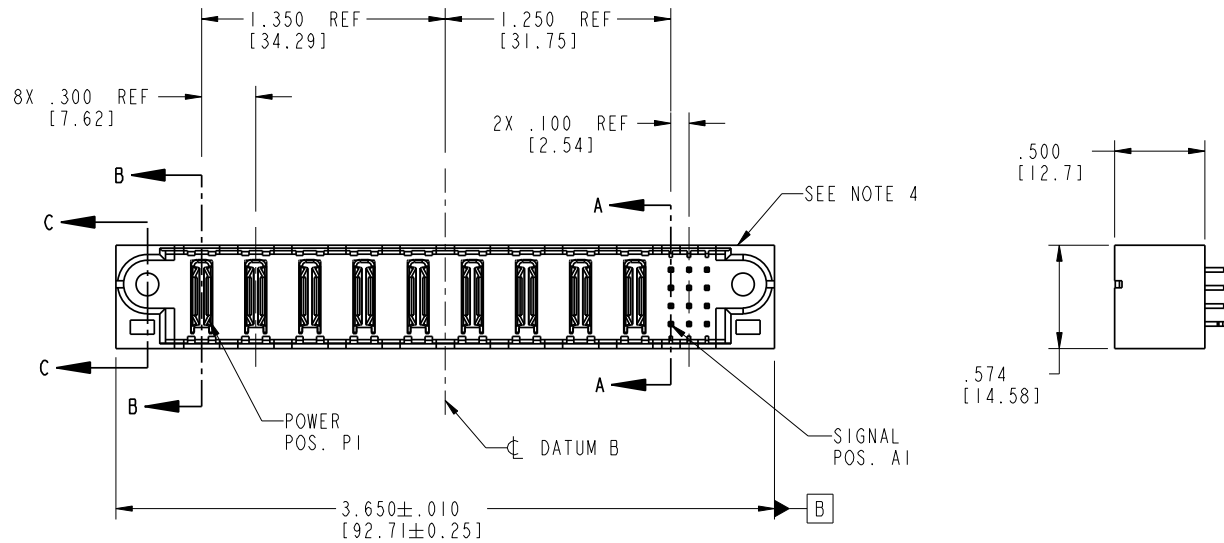


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PRODUCT NO.	ROWS	POWER										SIGNAL			E2
		E1	P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	
51952-024-- NOTE 3	0 CUBA		PA	PA	PA	PA	PA	PA	PA	PA	PA				



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.270 [6.86]	SIGNAL
H	.220 [5.59]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
A	V03-0684	DAI	06/23/03		.XXX±.005/0.XX±0.13	projection		title 9ACP + 12S	
B	DG05-0481	Ryan	11/23/05		.XXX±.0020/0.XXX±0.051			VERTICAL SOLDER HEADER	
				angles	0°±2°	INCH/MM		product family PwrBlade	
				dr	D. INGRAM 06/23/03	scale 1:1		code 213	
				enrg	M.MOSTOLLER 06/23/03	size		sheet 1 of 4	
				chr	M.MOSTOLLER 06/23/03	dwg no		51952-024	
				appd	M.MOSTOLLER 06/23/03	A			
sheet index	revision	B	B	B	B				
	sheet	1	2	3	4				

cage code 22526

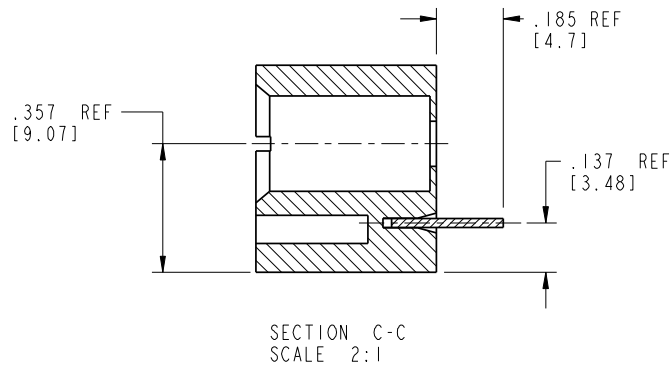
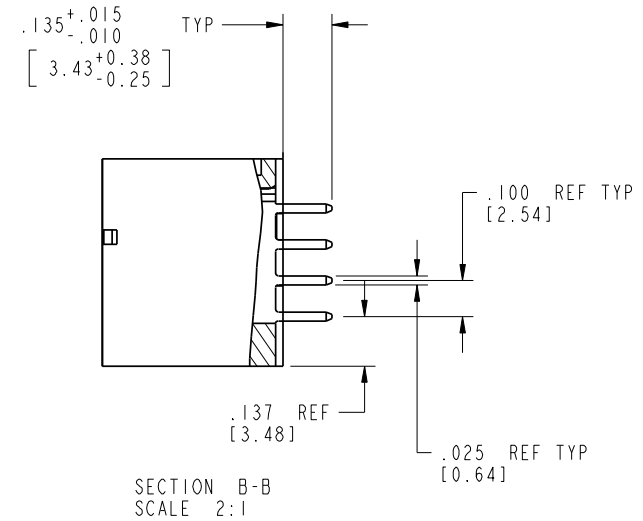
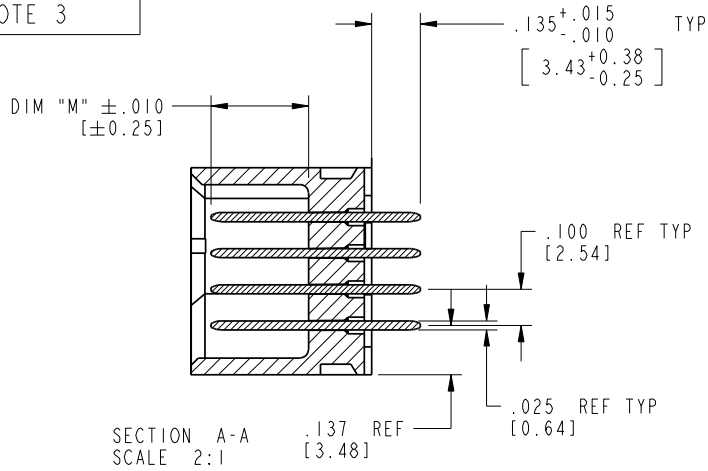
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PRODUCT NUMBER
51952-024--
NOTE 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
B				linear	.XXX±.005/0.XX±0.13	projection		title 9ACP + 12S	
				angles	.XXX±.002/0.XXX±0.051			VERTICAL SOLDER HEADER	
				dr	D. INGRAM 06/23/03	INCH/MM		product family PwrBlade	
				engr	M.MOSTOLLER 06/23/03	scale		code 213	
				chr	M.MOSTOLLER 06/23/03	1:1		size 51952-024	
				appd	M.MOSTOLLER 06/23/03			sheet 2 of 4	
sheet index	revision	sheet							

code code 22526

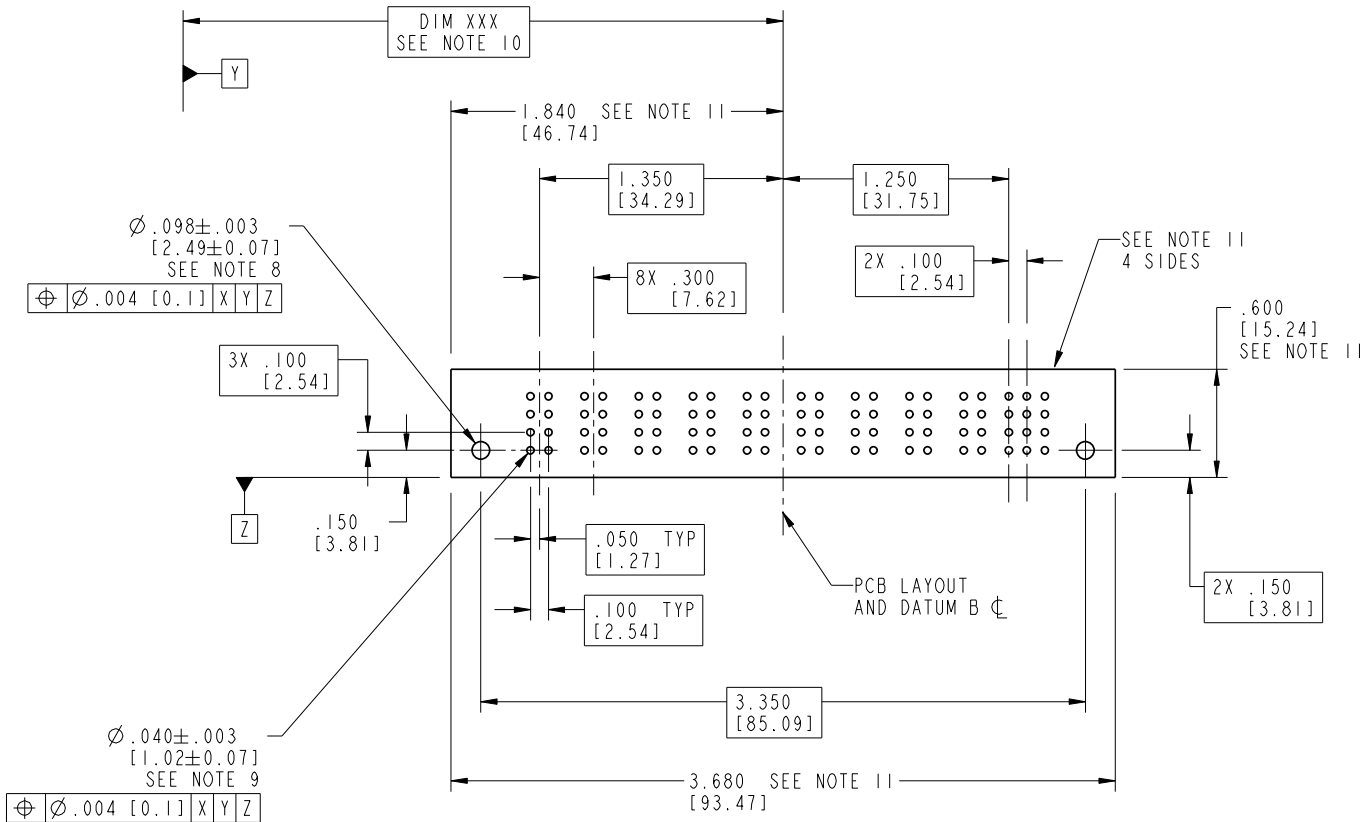
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PRODUCT NUMBER
51952-024--
NOTE 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
B				linear	.XXX±.005/0.XX±0.13	projection		title	9ACP + 12S
				linear	.XXX±.002/0.XX±0.051			VERTICAL SOLDER HEADER	
				angles	0°±2°			product family	PwrBlade
				dr	D. INGRAM 06/23/03	INCH/MM		size	213
				enrg	M. MOSTOLLER 06/23/03	scale		dwg no	51952-024
				chr	M. MOSTOLLER 06/23/03	1:1		code	3 of 4
				appd	M. MOSTOLLER 06/23/03				
sheet index	revision	sheet							

Pro/E

cage code 22526

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A

B

1 | 2

3 |

4

PRODUCT NUMBER

51952-024__
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:

51952-024: 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

51952-024LF: 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 51952-024LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DECCRIBED 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 Ø.0453±.0010 [1.151±0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
Ø.040±.003 [1.02±.07] HOLE.

⑩ "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

⑪ CONNECTOR KEEP-OUT ZONE.

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lfr	ecr no.	dr	date	linear	projection	COPY		title		9ACP + 12S	
B								VERTICAL SOLDER HEADER			
				angles				product family		PwrBlade	
				dr	D. INGRAM	06/23/03	INCH/MM	size		213	
				enrg	M. MOSTOLLER	06/23/03		dwg no		sheet	
				chr	M. MOSTOLLER	06/23/03		A		4 of 4	
				appd	M. MOSTOLLER	06/23/03	scale	1:1			
sheet index	revision			sheet							

A

B

1 | 2

Pro/E

3 |

cage code 22526

4