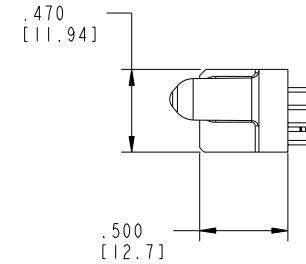
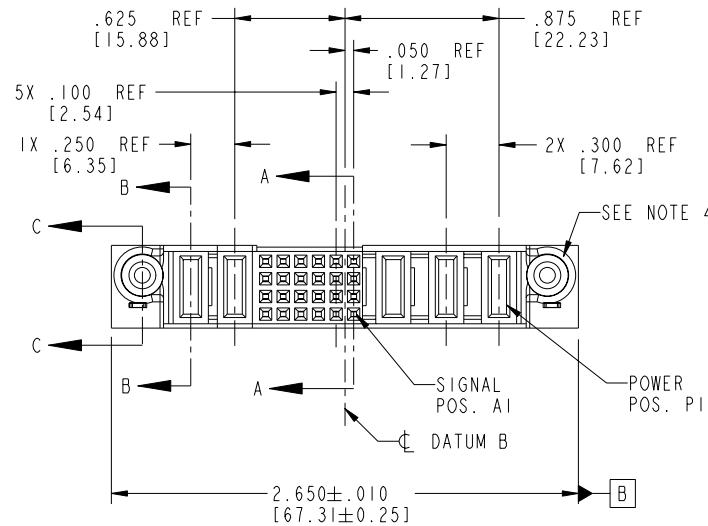


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PRODUCT NO.	ROWS	POWER			SIGNAL							POWER		
		E2	P5	P4	6	5	4	3	2	1	P3	P2	P1	E1
51940-102-- NOTE:3	D C B A		PD	PA	E	E	E	E	E	E	PA	PD	PD	
					E	E	E	E	E	E				
					E	E	E	E	E	E				
					E	E	E	E	E	E				



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	N/A [N/A]	SIGNAL
PA	.042 [1.07]	POWER
PD	.092 [2.34]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	linear	.XX±.01/0.X±0.3	projection	COPY		title	
A	V04-0865	DAI	08/26/04			.XXX±.005/0.XX±0.13		INCH/MM		3ACP + 24S + 2P VERTICAL SOLDER RECEPT	
B	DG05-0336	CS	09/19/05	angles		.XXX±.0020/0.XXX±0.051					
				dr	D. INGRAM	08/26/04	scale 1:1		product family PwrBlade		code 213
				enr	M. GRAY	08/26/04					
				chr	M. GRAY	08/26/04	size A		dwg no 51940-102		sheet 1 of 4
				appd	M. GRAY	08/26/04					
sheet index	revision sheet	B 1	B 2	B 3	B 4						

cage code 22526

Pro/E

PDM: Rev:B

STATUS:Released

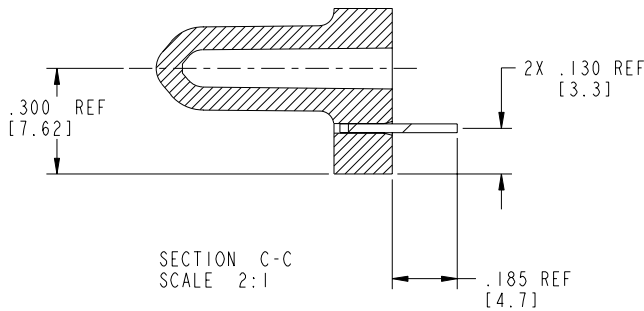
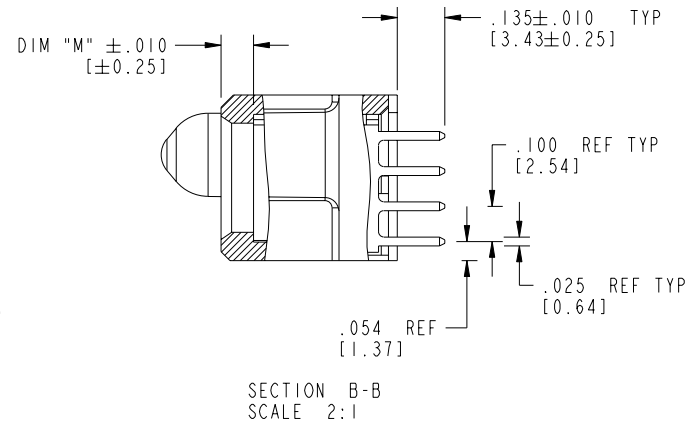
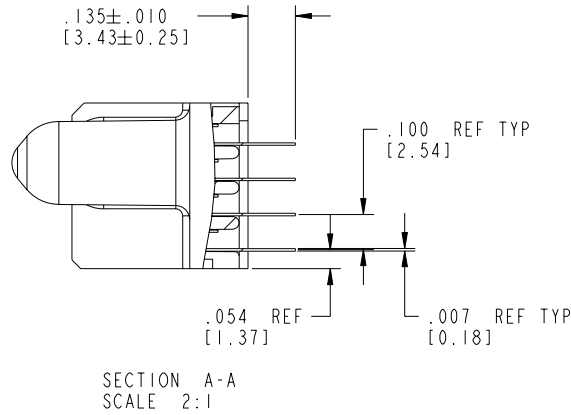
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PRODUCT NUMBER
51940-102--
NOTE: 3



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 3ACP + 24S + 2P VERTICAL SOLDER RECEPT		product family PwrBlade		code 213	
B					.XXX±.005/0.XX±0.13									
					.XXX±.0020/0.XXX±0.051									
				angles	0°±2°			INCH/MM	size	dwg no	A	51940-102	sheet	
				dr	D. INGRAM	08/26/04							2 of 4	
				enr	M. GRAY	08/26/04								
				chr	M. GRAY	08/26/04								
				appd	M. GRAY	08/26/04	scale	1:1						
sheet index		revision sheet												
Pro/E						3			cage code 22526				4	

Pro/E

PDM: Rev:B

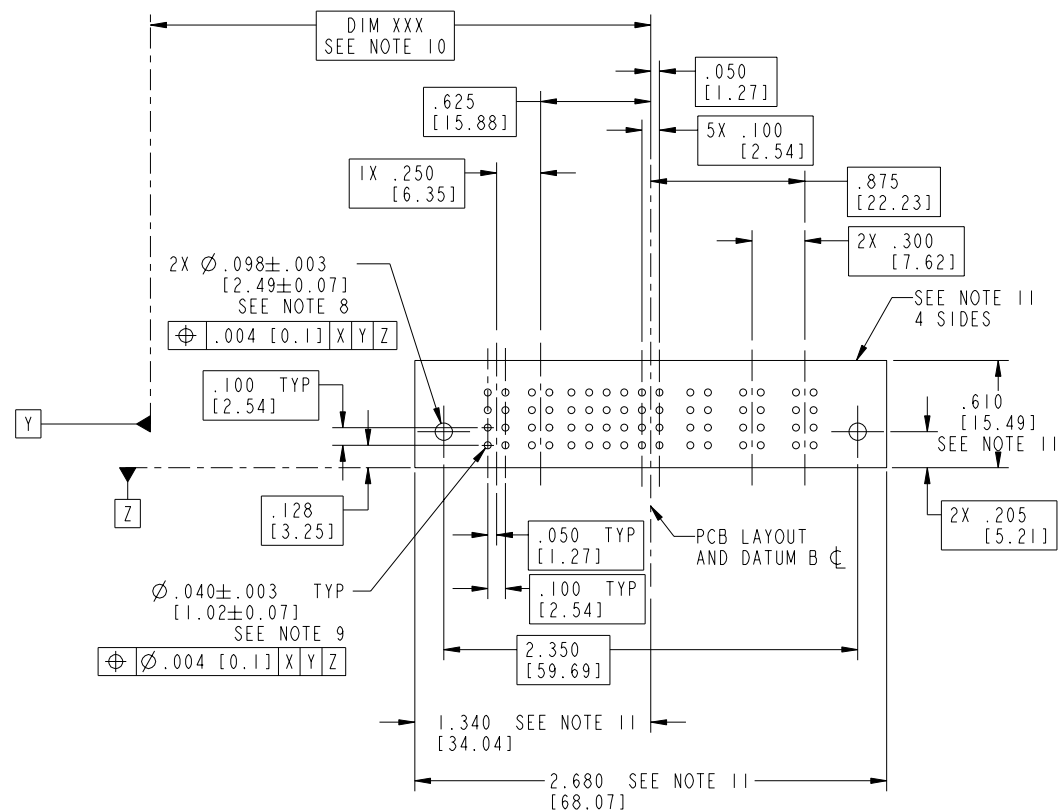
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51940-102--
NOTE:3



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com				
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3				projection		title							
B					.XXX±.005/0.XX±0.13						3ACP + 24S + 2P							
					.XXX±.002/0.XXX±0.051						VERTICAL SOLDER RECEPT							
					0°±2°													
				angles					INCH/MM		product family				PwrBlade		code	
				dr	D. INGRAM	08/26/04		size			dwg no				213			
				enrg	M. GRAY	08/26/04		scale			A		51940-102		sheet			
				chr	M. GRAY	08/26/04		1:1							3 of 4			
				appd	M. GRAY	08/26/04												
sheet index		revision sheet																
Pro/E										3		cage code				22526		4

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4

51940-102--
NOTE:3

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

51940-102 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.

51940-102LF 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 51940-102LF 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.

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											
lfr		ecn no.		dr		date		linear $.XX \pm .01/0.X \pm 0.3$ $.XXX \pm .005/0.XX \pm 0.13$ $.XXXX \pm .002/0.XXX \pm 0.051$ angles $0^\circ \pm 2^\circ$		projection  INCH/MM  scale 1:1		title 3ACP + 24S + 2P VERTICAL SOLDER RECEPT product family PwrBlade size dwg no A 51940-102				code 213 sheet 4 of											
B																											
								dr		D. INGRAM		08/26/04		INCH/MM		product family		PwrBlade		code							
								enrg		M. GRAY		08/26/04				size		dwg no		213							
								chr		M. GRAY		08/26/04				A		51940-102		sheet							
								appd		M. GRAY		08/26/04						scale		1:1		4 of					
sheet index		revision sheet																									
				Pro/E								3				cage code				22526				4			

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STATUS: **Released**

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