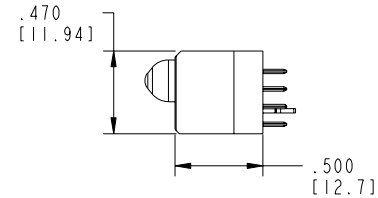
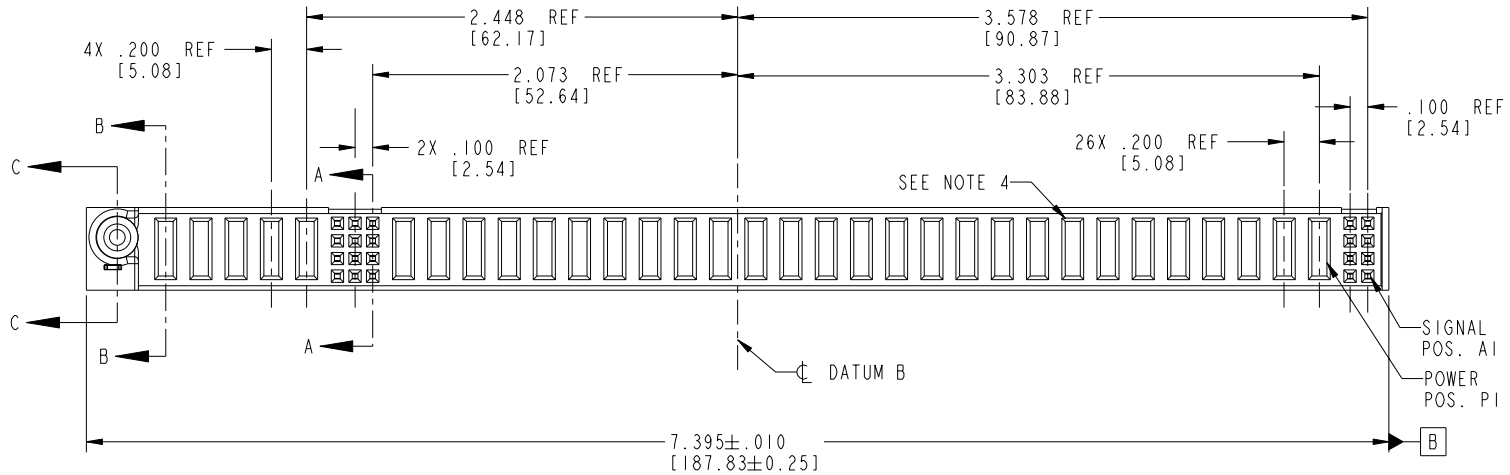


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PRODUCT NO.	ROW S	E1	POWER					SIG.			POWER																				SIG.										
			P32	P31	P30	P29	P28	5	4	3	P27	P26	P25	P24	P23	P22	P21	P20	P19	P18	P17	P16	P15	P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	2	1		
51940-071-- NOTE:3	D C B A		PA	PA	PA	PA	PA	  	  	  	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	  



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

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	linear	linear	linear	projection	projection	title	8S + 27P + 12S + 5P	product family	PwrBlade
A	V03-1332	TAB	01/08/04	linear	.XX±.01/0.X±0.3	linear	.XXX±.005/0.XX±0.13	projection	projection	VERTICAL SOLDER RECEPT	size	dwg no	213
B	DG05-0490	CS	11/22/05	angles	.XXX±.0020/0.XXX±0.051	angles	0°±2°	scale	scale	product family	PwrBlade	code	213
				dr	T. BRUNGARD	01/08/04		INCH/MM	INCH/MM	product family	PwrBlade	code	213
				enr	M. GRAY	01/08/04		1:1	1:1	product family	PwrBlade	code	213
				chr	M. GRAY	01/08/04				product family	PwrBlade	code	213
				appd	M. GRAY	01/08/04				product family	PwrBlade	code	213
sheet index	revision	B	B	B	B	B	B			product family	PwrBlade	code	213
sheet	sheet	1	2	3	4					product family	PwrBlade	code	213

Pro/E

PDM: Rev:B

STATUS:Released

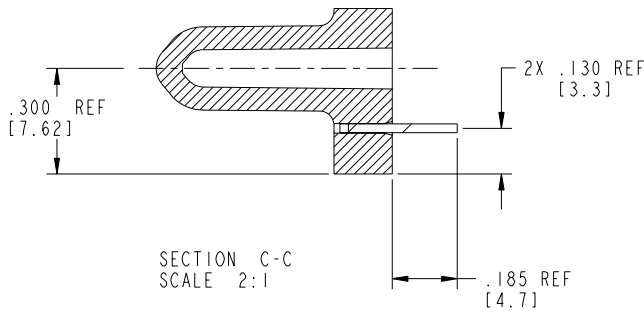
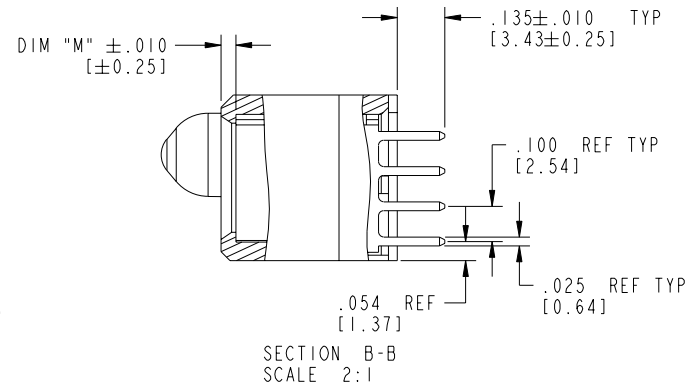
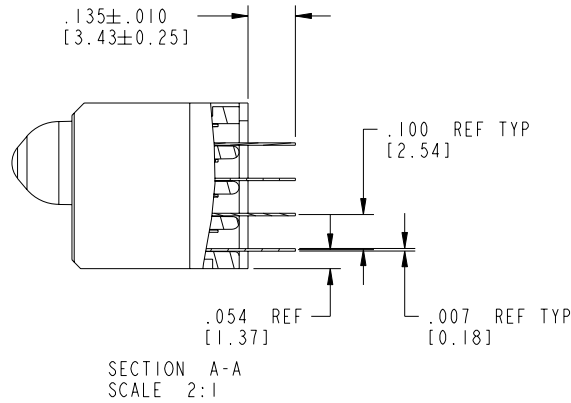
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PRODUCT NUMBER
51940-071--
NOTE: 3



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		COPY		title 8S + 27P + 12S + 5P VERTICAL SOLDER RECEPT
B					.XXX±.005/0.XX±0.13		projection		
					.XXX±.0020/0.XXX±0.051				
				angles	0°+2°				
		dr	T. BRUNGARD	01/08/04	INCH/MM		product family PwrBlade		code
		enrg	M. GRAY	01/08/04	scale 1:1		size dwg no		213
		chr	M. GRAY	01/08/04			A 51940-071		sheet
		appd	M. GRAY	01/08/04					2 of 4
sheet index		revision sheet							

cage code 22526

Pro/E

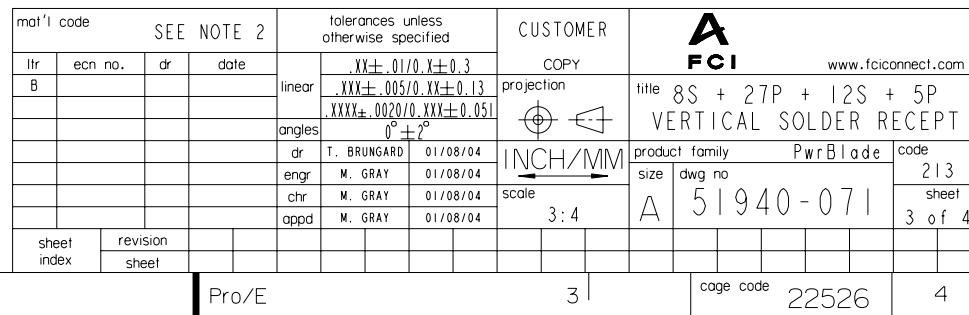
PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

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PRODUCT NUMBER

51940-071__
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:
51940-071 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.

51940-071LF 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 51940-071LF 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				A FCI www.fciconnect.com			
ltr	ecn no.	dr	date	linear	.XX+ .01/0.X+0.3			COPY				projection				title 8S + 27P + 12S + 5P VERTICAL SOLDER RECEPT			
B					.XXX+ .005/0.XX+0.13														
				angles	.XXX+ .0020/0.XXX+0.051														
					0+2°														
				dr	T. BRUNGARD 01/08/04			INCH/MM				product family PwrBlade				code 213			
				enr	M. GRAY 01/08/04			scale 1:1				size A				dwg no 51940-071			
				chr	M. GRAY 01/08/04											sheet 4 of 4			
				appd	M. GRAY 01/08/04														
sheet index		revision sheet																	

cage code 22526

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