

Excellent Integrated System Limited

Stocking Distributor

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[FCI](#)
[51940-043](#)

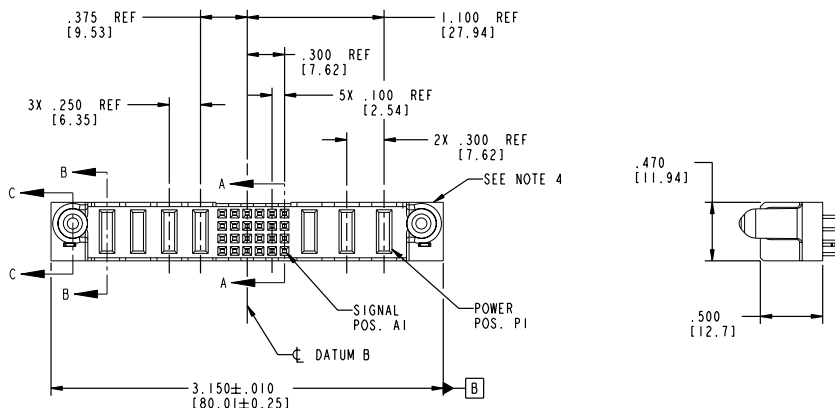
For any questions, you can email us directly:

sales@integrated-circuit.com

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PRODUCT NO.	ROWS	POWER				SIGNAL				POWER			
		E2	P7	P6	P5	P4	S1	S2	S3	P3	P2	P1	E1
51940-043	DATA	HA	PA	PA	PD	PD	EE	EE	EE	PD	PA	PD	HA
Note: ③							EE	EE	EE				



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

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER	
lfr	ecn no.	dr	date			linear	XX ± .01/0 XX ± 0.3	COPY	FCI
A	V03-0509	MEM	5/6/03			linear	XXX ± .005/0 XX ± 0.13	projection	www.fciconnect.com
B	DG05-0116	SJ	05/21/05			angles	XXX ± .0020/0 XX ± 0.051	INCH/MM	
						dr	M. MOSTOLLER 5/6/03	scale	1:1
						engr	M. MOSTOLLER 5/6/03		
						chr	H. BREWSTER 5/6/03		
						appd	M. MOSTOLLER 5/6/03		
sheet index	revision	sheet		B	B	B	B		
				1	2	3	4		

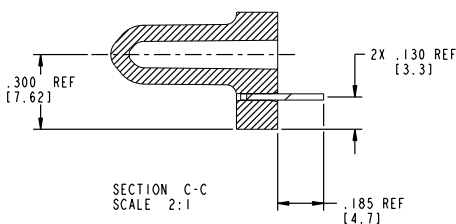
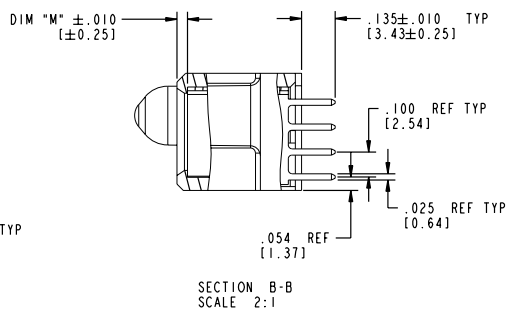
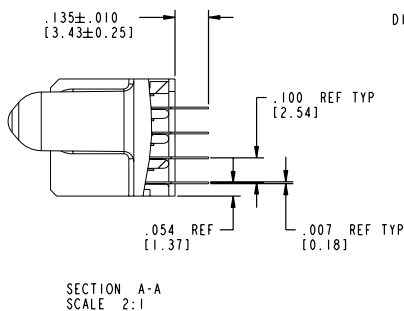
PDM: Rev:B STATUS:Released

Printed: Dec 20, 2010

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PRODUCT NUMBER
51940-043..
Note: ③



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date	linear		XX±.01/0.X±0.3		COPY		title	3ACP + 24S + 4P		
B				angles		XXX±.005/0.XX±0.13		projection		VERTICAL SOLDER RECEPT.			
				dr	M. MOSTOLLER	5/6/03		INCH/MM		product family	PwrBlade	code	213
				engr	M. MOSTOLLER	5/6/03		scale	1:1	size	51940-043	sheet	2 of 4
				chr	H. BREWSTER	5/6/03							
				appd	M. MOSTOLLER	5/6/03							
sheet index	revision sheet												

Pro/E

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PRODUCT NUMBER

51940-043..
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:

51940-043 Singol 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.

51940-043LF Singol 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 51940-043LF 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 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	
ltr	ecm no.	dr	date	linear	projection	COPY	FCI www.fciconnect.com
B				XX+/- .01/0 XX+0.3			title 3ACP + 24S + 4P
				XX+/- .005/0 XX+0.13			VERTICAL SOLDER RECEPT.
				XX+/- .0020/0 XX+0.051			product family PwrBlade
				angles 0° ± 2°			size 213
				dr M. MOSTOLLER 5/6/03			4 of 4
				engr M. MOSTOLLER 5/6/03			
				chr H. BREWSTER 5/6/03			
				appd M. MOSTOLLER 5/6/03			
sheet index	revision sheet						

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