

Excellent Integrated System Limited

Stocking Distributor

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[FCI](#)
[51940-120](#)

For any questions, you can email us directly:

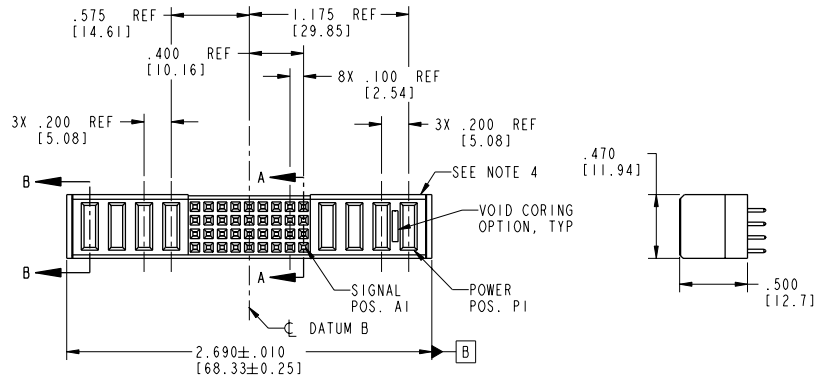
sales@integrated-circuit.com

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PRODUCT NO.	ROWS	POWER				SIGNAL								POWER				
		P8	P7	P6	P5	9	8	7	6	5	4	3	2	1	P4	P3	P2	P1
51940-120- NOTE 3	D C B A	PA	PA	PA	PA	E	E	E	E	E	E	E	E	E	PA	PA	PA	PA



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

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI	
thr	ecn no.	dr	date	linear	XX±.01/0.X±0.3	COPY		www.fciconnect.com	
A	V05-0139	TAB	02/09/05	linear	.XX±.005/0.XY±0.13	projection		title	
B	DG06-0333	RYAN	08/10/06	linear	.XX±.002/0.XY±0.051	INCH/MM		VERTICAL SOLDER RECEPT	
				angles	0°±7°	product family		PwrBlade	
				dr	T. BRUNGARD 02/09/05	size		code	
				eng	L. HAO 02/09/05	scale		213	
				chr	L. HAO 02/09/05	1:1		sheet	
				appd	L. HAO 02/09/05	A		1 of 4	
sheet index	revision	sheet	B	B	B	B		cage code	
			1	2	3	4		22526	

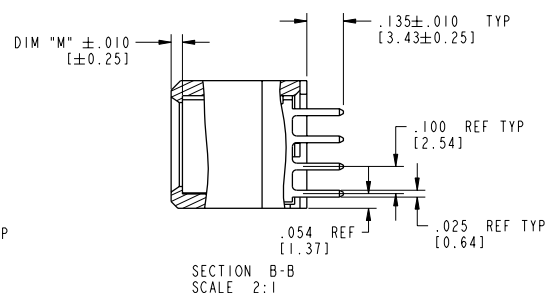
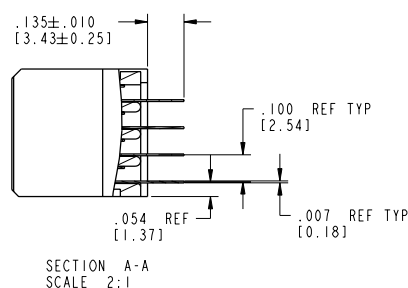
Pro/E

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PRODUCT NUMBER
51940-120__
NOTE 3



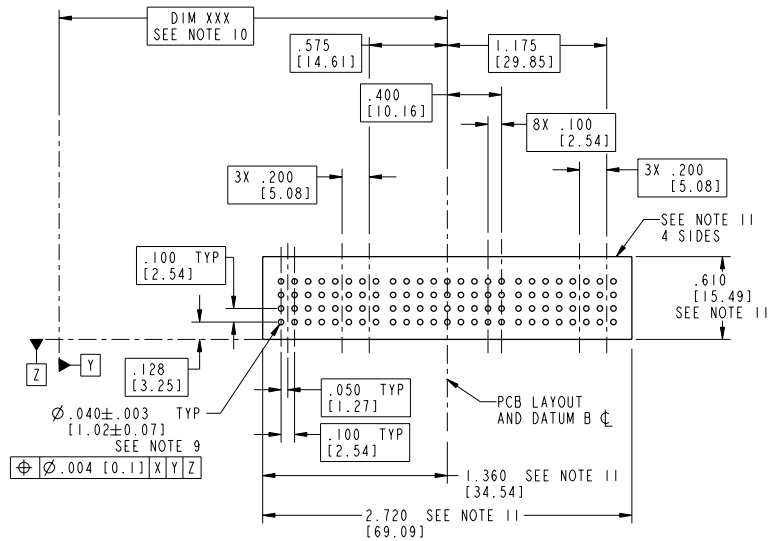
mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
itr	ecn no.	dr	date	linear	XX±.01/0.XX±0.3		COPY			title 4P + 36S + 4P VERTICAL SOLDER RECEPT			
B					XXX±.005/0.XX±0.13		projection						
					XXXX.0020/0.XX±0.051								
					$R^2 + Z^2$								
				angles			INCH/MM			product family		PwrBlade	
				dr	T. BRUNGAO	02/09/05				size		213	
				engr	L. HAQ	02/09/05				dwg no		sheet	
				chr	L. HAQ	02/09/05				A		2 of 4	
				appd	L. HAQ	02/09/05	scale		1:1				
sheet index		revision sheet											
										cage code		4	
					Pro/E		3			22526			

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PRODUCT NUMBER
51940-120--
NOTE 3



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	XX±.01/0.X±0.3	COPY		projection		title	
B				linear	.XX±.005/0.XY±0.13					4P + 36S + 4P	
				angles	.XX±.002/0.XY±0.051					VERTICAL SOLDER RECEPT	
				dr	T. BRUNGARD 02/09/05					product family	
				eng	L. HAO 02/09/05					PwrBlade	
				chr	L. HAO 02/09/05					code	
				appd	L. HAO 02/09/05					213	
sheet index	revision	sheet								sheet	
										3 of 4	
										cage code	
										22526	

Pro/E

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PRODUCT NUMBER
51940-120-- 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:
SEE PRINT 10064183 FOR PLATING SPEC OF 51940-120; 51940-120LF
- 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		FCI	
lfr	ecn no.	dr	date	linear	projection	COPY	title	www.fciconnect.com	
B				$.XX \pm .01 / 0.X \pm 0.3$			4P + 36S + 4P		
				$.XX \pm .005 / 0.X \pm 0.13$			VERTICAL SOLDER RECEPT		
				$.XX \pm .0020 / 0.X \pm 0.051$			PwrBlade		
				angles			code		
				dr	T. BRUNGARD	02/09/05	product family		
				eng	L. HAO	02/09/05	size		
				chr	L. HAO	02/09/05	dwg no		
				appd	L. HAO	02/09/05	scale		
							1:1		
sheet index	revision sheet						A		
							51940-120		
							213		
							4 of 4		
							cage code		
							22526		

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PDM: Rev:B

STATUS:Released

Printed: Dec 20, 2010