

Excellent Integrated System Limited

Stocking Distributor

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[FCI](#)
[51752-020](#)

For any questions, you can email us directly:

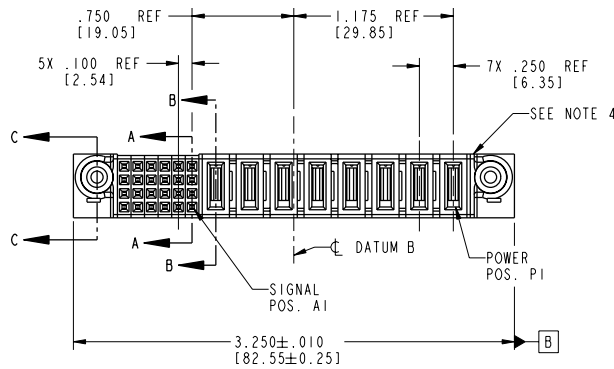
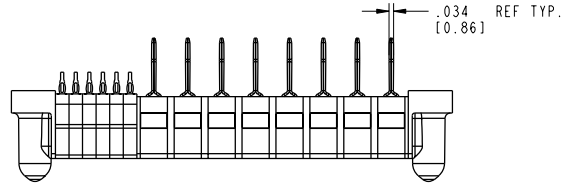
sales@integrated-circuit.com

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PRODUCT NO.	ROWS	1 2															
		SIGNAL								POWER							
51752-020- NOTE(3)	D C B A	E2	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1	E1
		PG	PG	PG	PG	PG	PG	PG	PG	PH	PH	PH	PH	PH	PH	PG	PG



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PG	.042 [1.07]	POWER
PH	.092 [2.34]	POWER
F	N/A [N/A]	SIGNAL

mat'l code				SEE NOTE 2				Tolerances unless otherwise specified				CUSTOMER			
itr	ecn no.	dr	date	linear	linear	linear	linear	linear	linear	linear	linear	linear	linear	linear	linear
A	D606-0114	RYAN	03/17/06												
B	D606-0225	RYAN	06/06/06												
				angles	angles	angles	angles	angles	angles	angles	angles	angles	angles	angles	angles
				dr	dr	dr	dr	dr	dr	dr	dr	dr	dr	dr	dr
				eng	eng	eng	eng	eng	eng	eng	eng	eng	eng	eng	eng
				chr	chr	chr	chr	chr	chr	chr	chr	chr	chr	chr	chr
				appd	appd	appd	appd	appd	appd	appd	appd	appd	appd	appd	appd
sheet index	revision	sheet	sheet	B	B	B	B	B	B	B	B	B	B	B	B
				1	2	3	4								

Pro/E

3 |

cage code 22526

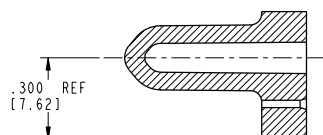
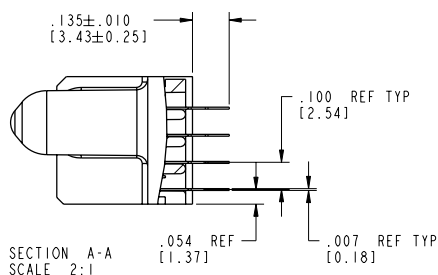
4

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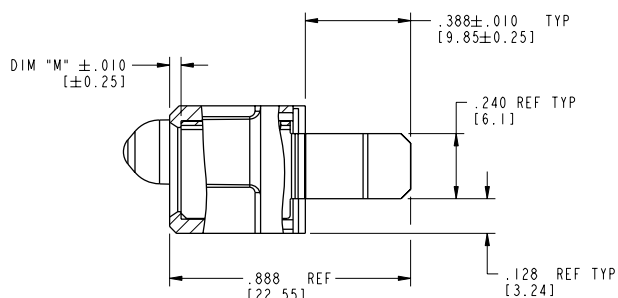


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PRODUCT NUMBER
51752-020--
NOTE(3)

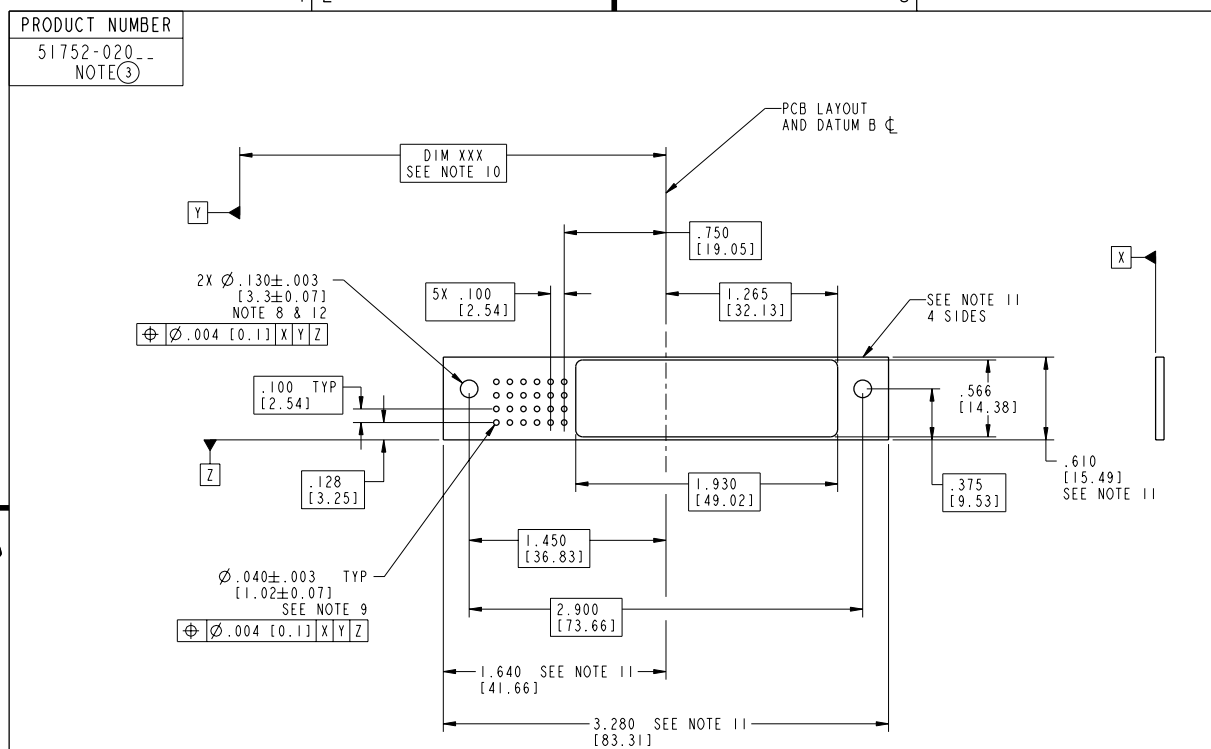


SECTION C-C
SCALE 2:1



SECTION B-B
SCALE 2:1

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER			
itr	ecn no.	dr	date	linear	$XX \pm .01/0.XX \pm 0.3$		COPY		www.fciconnect.com		
B					$XXX \pm .005/0.XX \pm 0.13$		projection		title 8CP + 24S		
					$XXXX \pm .0020/0.XXX \pm 0.051$				VERTICAL PF/CABLE RECEPT		
					$R^2 \pm .2$		INCH/MM		product family PwrBlade		
				engr	RYAN YUAN	03/17/06	scale 1:1		size		code 213
				chr	SALLY LUD	03/17/06			dwg no A		sheet 2 of 4
				appd	BEER FU	03/17/06			51752-020		
					JOSEPH HSIA	03/17/06					
sheet index		revision sheet									
Pro/E						3		cage code 22526			4



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
lfr	ecn no.	dr	date	linear	$XX \pm .01 / 0 . XX \pm 0.3$		COPY			title 8CP + 24S VERTICAL PF/CABLE RECEPT			
B					$XXX \pm .005 / 0 . XX \pm 0.13$		projection						
					$XXXX \pm .002 / 0 . XXX \pm 0.051$		angles						
					$0^{\circ} \pm 2^{\circ}$		INCH/MM		product family			code	
				dr	RYAN YUAN	03/17/06	scale		1:1		PwrBlade	sheet	
				engr	SALLY LUO	03/17/06	A		51752-020		213	3 of 4	
				chr	BEER FU	03/17/06							
				appd	JOSEPH HSIA	03/17/06							
sheet index		revision sheet											
Pro/E						3		cage code		22526		4	

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PRODUCT NUMBER
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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 51752-020; 51752-020LF
- 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.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
9. $\varnothing .0453 \pm .0010$ [1.151 $\pm$.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.
12. RECOMMENDED RETENTION TO PCB
 $\varnothing .130$ [3.3] THRU HOLE FOR #5 SOCKET HEAD CAP SCREW
MAX. HEAD .205 [5.21], RECOMMEND SCREW LENGTH .472 [12] + PCB THICKNESS,
RECOMMENDED SCREW SEATING TO PCB TORQUE: 2-5 lbs-in [2300-5760 gf-cm]

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
itr	ecn no.	dr	date	linear	$XX \pm .01/0.X \pm 0.3$	COPY		 title	8CP + 24S VERTICAL PF/CABLE RECEPT
B					$XXX \pm .005/0.XX \pm 0.13$	projection			
					$XXXX \pm .002/0.XXX \pm 0.051$	 angles			
					$0^\circ \pm 2^\circ$	 INCH/MM		product family	code
				dr	RYAN YUAN 03/17/06	scale		PwrBlade	213
				engr	SALLY LUD 03/17/06	1:1		size	sheet
				chr	BEER FU 03/17/06			dwg no	4 of 4
				appd	JOSEPH HSIA 03/17/06			A	
								51752-020	
sheet index	revision sheet								
Pro/E						3		case code	22526
									4