

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[51776-003](#)

For any questions, you can email us directly:

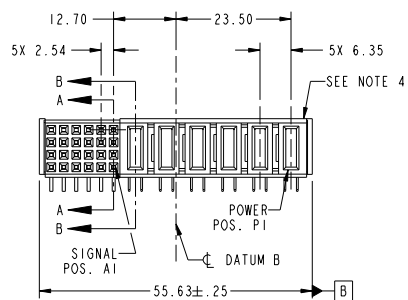
sales@integrated-circuit.com

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PRODUCT NO.	ROWS	SIGNAL						POWER					
		8	7	6	5	4	3	P6	P5	P4	P3	P2	P1
51776-003... NOTE: 3	D C B A	H	H	H	H	H	H	PA	PA	PA	PA	PC	PC
		G	G	G	G	G	G	PA	PA	PA	PA	PC	PC
		F	F	F	F	F	F	PA	PA	PA	PA	PC	PC
		E	E	E	E	E	E	PA	PA	PA	PA	PC	PC



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
F	[N/A]	SIGNAL
G	[N/A]	SIGNAL
H	[N/A]	SIGNAL
PA	[1.07]	POWER
PC	[2.34]	POWER

mat'l code				tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	0.X ± 0.5	COPY	www.fciconnect.com
A	V21401	CGD	08/29/02	linear	0.XX ± 0.25	projection	title
B	DG10-0380	PB	11/06/10	angles	0.XXX ± 0.1	MM	6P + 24S
				dr	0° ± 2°	scale	R/A SOLDER RECEPTACLE
				engr	C. DAILY 08/29/02	product family	PwrBlade
				chr	M. MOSTOLLER 08/29/02	size	dwg no
				appd	M. MOSTOLLER 08/29/02	scale	51776-003
sheet index	revision sheet	B 1	B 2	B 3	B 4		213 sheet 1 of 4
						cage code	22526

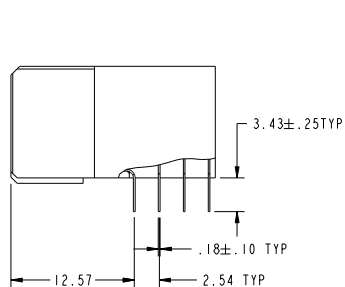
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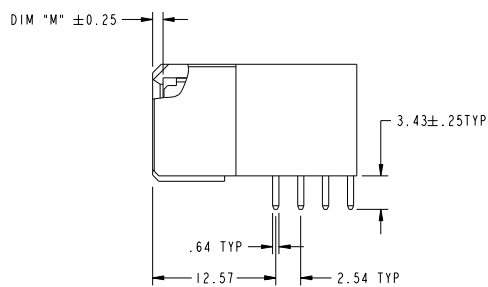
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PRODUCT NUMBER

51776-003--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
lfr	ecm no.	dr	date	linear		0.X ±0.5		COPY		title		6P + 24S	
B						0.XX ±0.25		projection		R/A SOLDER RECEPTACLE			
				angles		0° ±2°				product family	PwrBlade	code	213
				dr	C. DAILY	08/29/02				size	dwg no	51776-003	sheet
				engr	M. MOSTOLLER	08/29/02				scale	A		2
				chr	M. MOSTOLLER	08/29/02							
				appd	M. MOSTOLLER	08/29/02							
sheet index	revision sheet												

Pro/E

cage code 22526

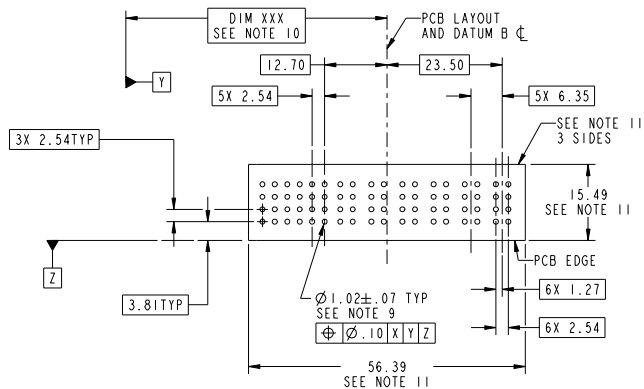
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PRODUCT NUMBER

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NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecm no.	dr	date			0.X ±0.5		COPY		www.fciconnect.com	
B						0.XX ±0.25		projection			
						0.XXX ±0.1					
						angles 0° ±2°					
						dr C. DAILY 08/29/02					
						engr M. MOSTOLLER 08/29/02					
						chr M. MOSTOLLER 08/29/02					
						appd M. MOSTOLLER 08/29/02					
sheet index	revision	sheet						scale	1:1		

Pro/E

cage code 22526

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PRODUCT NUMBER

51776-003-
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. SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51776-003 AND 51776-003LF RESPECTIVELY.

4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE 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. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.

10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11. CONNECTOR KEEP-OUT ZONE.

12. A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	angular	linear	angular	COPY	projection	title	www.fciconnect.com
B						$0.X \pm 0.5$				6P + 24S	
						$0.XX \pm 0.25$				R/A SOLDER RECEPTACLE	
						$0.XXX \pm 0.1$				product family	PwrBlade
						$0^\circ \pm 2^\circ$				size	213
										dwg no	sheet
										51776-003	4
										scale	
										1:1	
sheet index	revision sheet									cage code	22526

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010