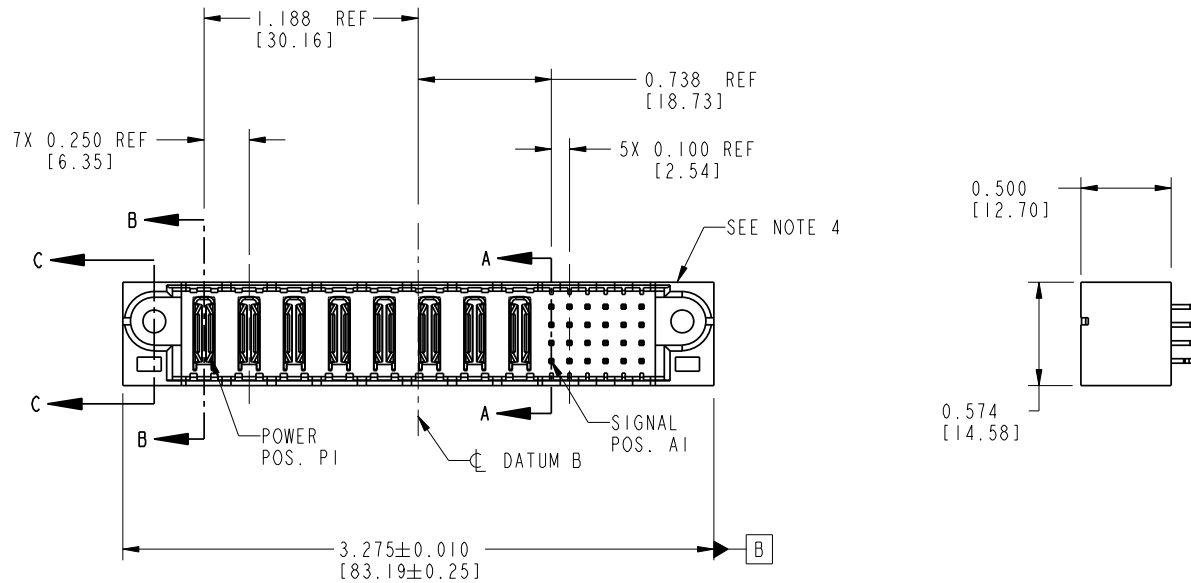


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PRODUCT NO.	ROWS	POWER								SIGNAL						E2	
		E1	P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5		6
51952-031-- NOTE 3	D C B A																



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	N/A [N/A]	POWER
E	0.270 [6.86]	SIGNAL
HA	N/A [N/A]	HOLD-DOWN
H	0.220 [5.59]	SIGNAL

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
								COPY			
lir				ecn no.		dr		date		linear	
A				V03-0950		MEM		8/25/03		linear	
B				DG05-0502		Ryan		11/24/05		linear	
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code code 22526

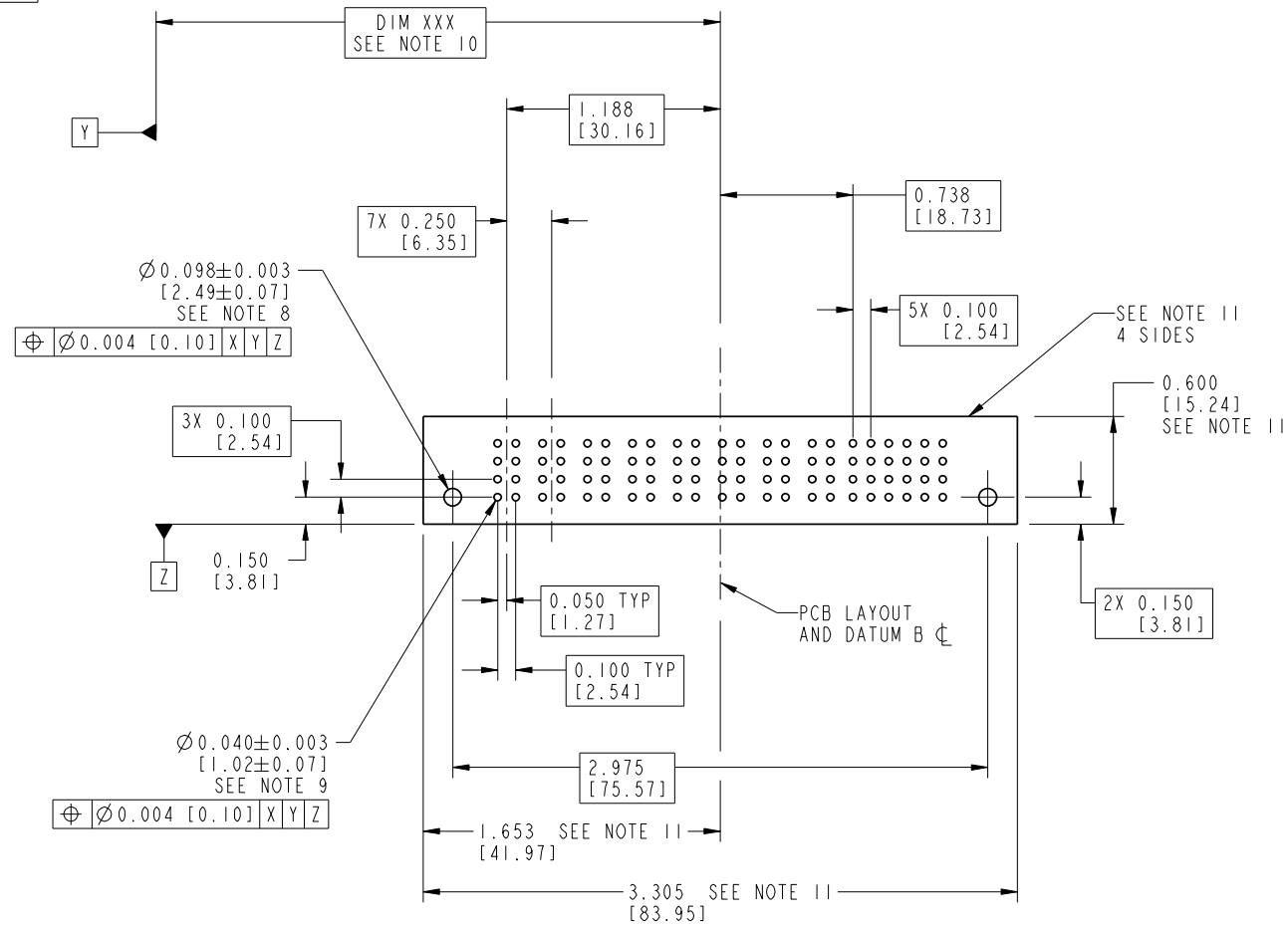
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PRODUCT NUMBER
51952-031__
NOTE 3



mat'l code				tolerances unless otherwise specified		CUSTOMER	
lir	ecn no.	dr	date	linear	projection	COPY	
B				XXX±.01/0.X±0.3	XXX±.005/0.XX±0.13		
				XXX±.002/0.XXX±0.051	XXX±.002/0.XXX±0.051		
				angles	0°±2°		
				dr	M. MOSTOLLER 8/25/03		
				enrg	M. MOSTOLLER 8/25/03	INCH/MM scale 1:1	
				chr	H. BREWBAKER 8/25/03		
				appd	M. MOSTOLLER 8/25/03	product family PwrBlade size A	
sheet index	revision	sheet					
						title 8P + 24S VERTICAL SOLDER HEADER	
						product family PwrBlade size A	
						code 213 sheet 3 of 4	

code code 22526

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PRODUCT NUMBER

51952-031__
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:

51952-031: SIGNAL PIN:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA

51952-031LF: SIGNAL PIN:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA

PART NUMBER 51952-031LF 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		A FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear		COPY		title	
B					.XX±.01/0.X±0.3	projection		8P + 24S	
					.XXX±.005/0.XX±0.13			VERTICAL SOLDER HEADER	
					.XXX±.0020/0.XXX±0.051				
				angles	0°±2°				
				dr	M. MOSTOLLER 8/25/03	INCH/MM		product family	PwrBlade
				enrg	M. MOSTOLLER 8/25/03	size		dwg no	213
				chr	H. BREWBAKER 8/25/03	scale			
				appd	M. MOSTOLLER 8/25/03	1:1		51952-031	sheet
sheet index		revision sheet							4 of 4

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Pro/E

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cage code 22526

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