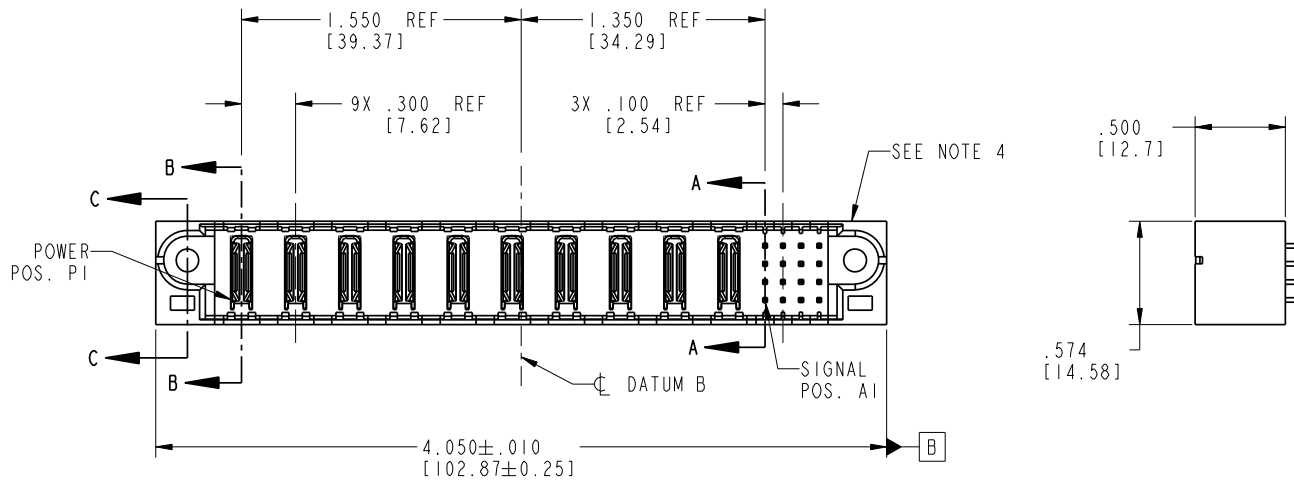


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PRODUCT NO.	ROWS	POWER										SIGNAL				E2	
		E1	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3		4
51952-051 NOTE ③	D C B A																



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	N/A [N/A]	POWER
E	.270 [6.86]	SIGNAL
H	.220 [5.59]	SIGNAL

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
lir	ecn no.	dr	date	linear	$.XX \pm .01/0.X \pm 0.3$			COPY			title 10P+16S VERTICAL SOLDER HEADER
A	DG05-0011	SW	01/20/05		$.XXX \pm .005/0.XX \pm 0.13$			projection			
B	DG05-0515	Ryan	12/09/05	angles	$.XXXX \pm .0020/0.XXX \pm 0.051$					product family PwrBlade	code 213
					$0^\circ \pm 2^\circ$						
				dr	STEVEN WANG	01/20/05	INCH/MM		size	dwg no	sheet 1 of 4
				enrg	LH	01/20/05	scale		A	51952-051	
				chr	VICTOR LIN	01/20/05	1:1				
				appd	JOSEPH HSIA	01/20/05					
sheet index		revision		B	B	B	B				
		sheet		1	2	3	4				

Pro/E

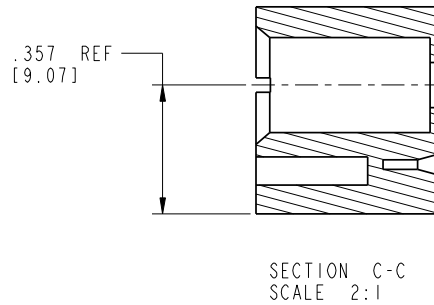
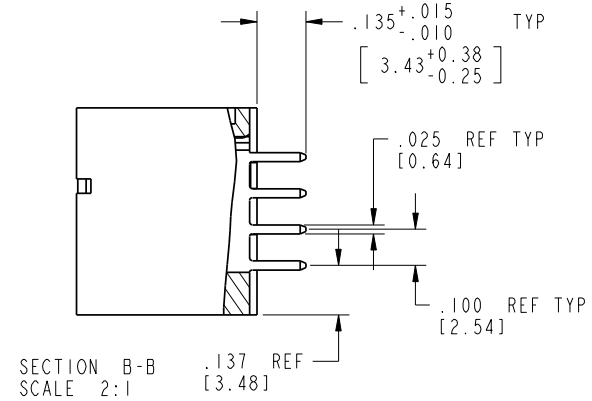
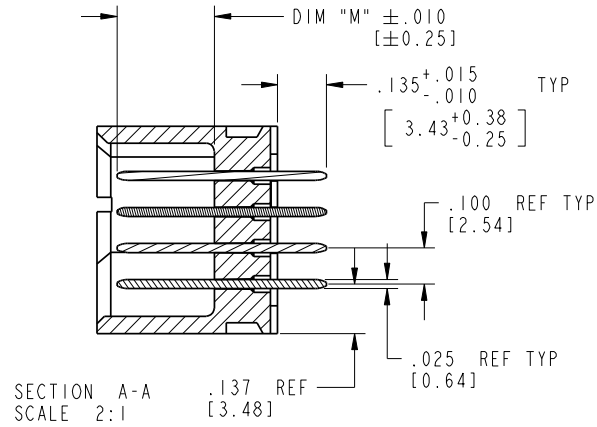
code code 22526

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PRODUCT NUMBER
51952-051--
NOTE (3)



mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
SEE NOTE 2						COPY		www.fciconnect.com	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		title	
B					.XXX±.005/0.XX±0.13			10P+16S	
				angles	.XXX±.0020/0.XXX±0.051			VERTICAL SOLDER HEADER	
				dr	STEVEN WANG 01/20/05	INCH/MM	product family		code
				engr	LH 01/20/05	scale	size		213
				chr	VICTOR LIN 01/20/05		dwg no		sheet
				appd	JOSEPH HSIA 01/20/05	1:1	A 51952-051		2 of 4
sheet index	revision	sheet							

code code 22526

Pro/E

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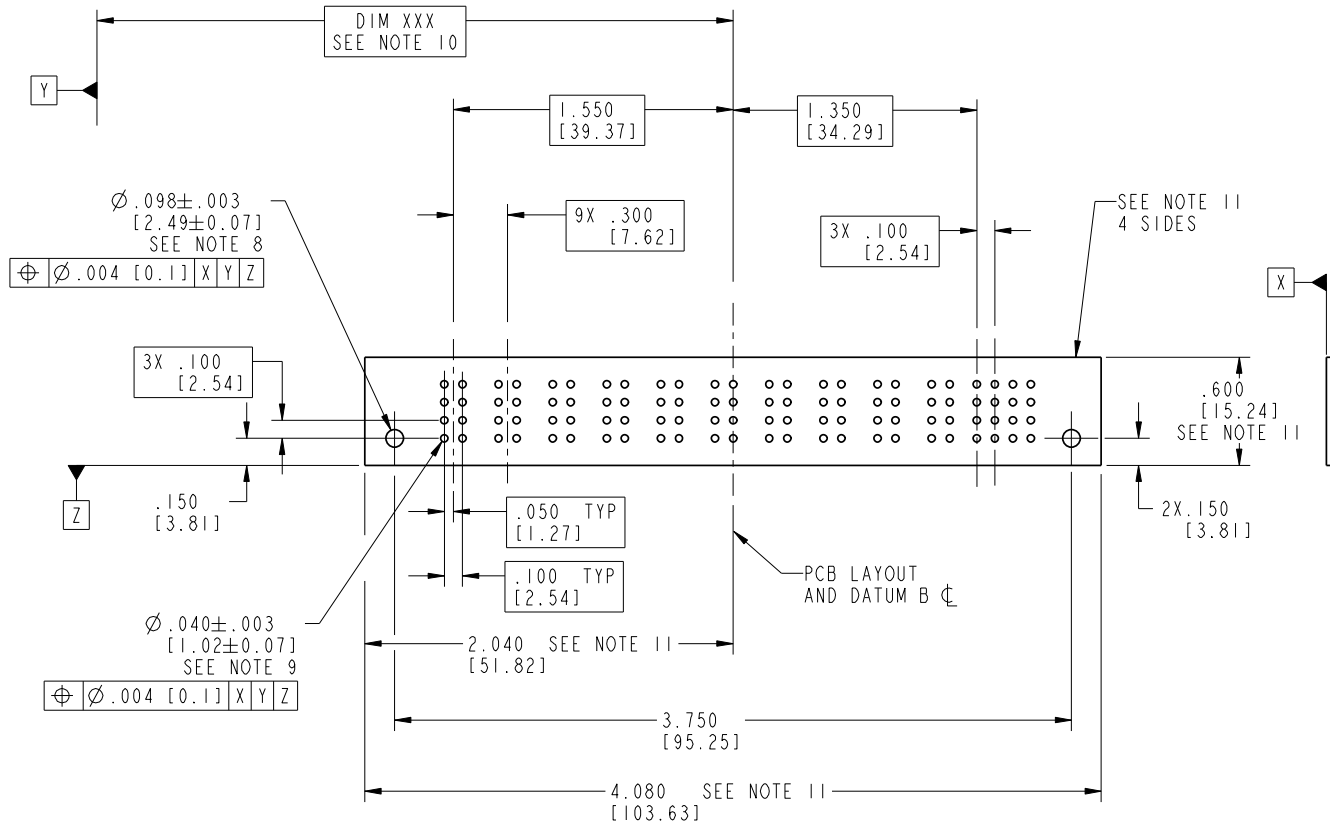
A
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A

B

PRODUCT NUMBER
51952-051--
NOTE ③



mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
B				linear	.XXX±.005/0.XX±0.13	projection		title	10P+16S
				linear	.XXX±.002/0.XX±0.051			VERTICAL SOLDER HEADER	
				angles	0°±2°			product family	PwrBlade
				dr	STEVEN WANG 01/20/05	INCH/MM		size	213
				enrg	LH 01/20/05			dwg no	51952-051
				chr	VICTOR LIN 01/20/05	scale	1:1		sheet
				appd	JOSEPH HSIA 01/20/05				3 of 4
sheet index	revision	sheet							

Pro/E

code code 22526

B

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B

1 | 2

3 |

4

PRODUCT NUMBER

51952-051--
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:

51952-051: 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

51952-051LF: 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 51952-051LF 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) $\varnothing .0453 \pm .0010$ [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	
lfr	ecn no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3	COPY	A FCI www.fciconnect.com
B					.XXX $\pm$.005/0.XX $\pm$ 0.13	projection	title 10P+16S
				angles	.XXX $\pm$.0020/0.XXX $\pm$ 0.051		VERTICAL SOLDER HEADER
				dr	STEVEN WANG 01/20/05	INCH/MM scale 1:1	product family PwrBlade
				engr	LH 01/20/05		code 213
				chr	VICTOR LIN 01/20/05		size
				appd	JOSEPH HSIA 01/20/05		dwg no 51952-051
sheet index	revision	sheet					code 22526

Pro/E

3 |

B

4