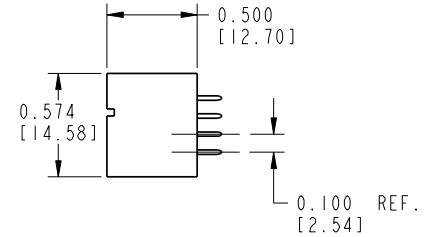
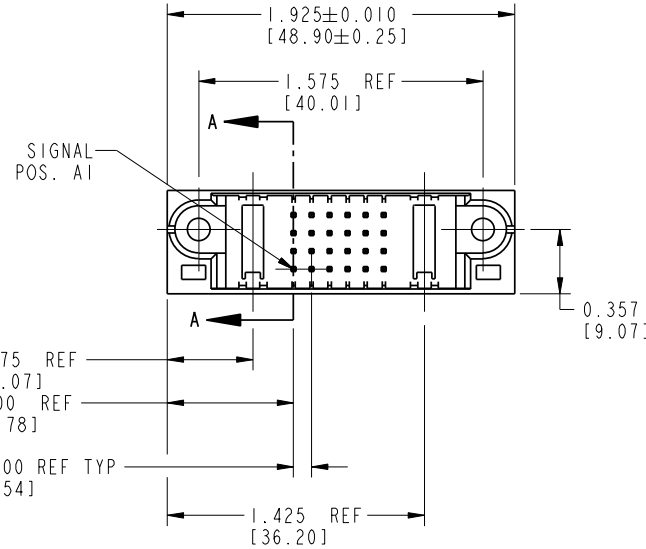
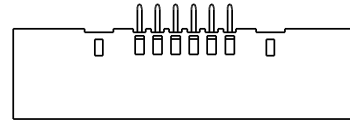


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FCI

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PRODUCT No.	ROWS	POWER		SIGNAL						POWER		PRINTING
		E1	P1	1	2	3	4	5	6	P2	E2	
51952-016-- NOTE 2	D C B A		X							X		NOT REQUIRED



CODE	DIM "M" ±.010 [0.25]	CONTACT TYPE
E	0.270 [6.86]	SIGNAL
H	0.220 [5.59]	SIGNAL
X	N/A	POWER

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecr no.	dr	date	linear	linear	linear	linear	COPY	projection	title	www.fciconnect.com
A	V03-0034	TAB	01/09/03		.XX±.01/0.X±0.3					IP + 24S + IP	
B	V03-1208	DA1	11/10/03		.XXX±.005/0.XX±0.13					VERTICAL SOLDER HEADER	
C	DG05-0478	Ryan	11/18/05		.XXX±.0020/0.XXX±0.051						
				angles	0°±2°						
				dr	T. BRUNGARD	01/09/03				product family	PwrBlade
				enqr	M. MOSTOLLER	01/09/03				size	213
				chr	M. MOSTOLLER	01/09/03				dwg no	sheet
				appd	M. MOSTOLLER	01/09/03				51952-016	1 of 3
sheet index	revision	C	C								
	sheet	1	2								

Pro/E

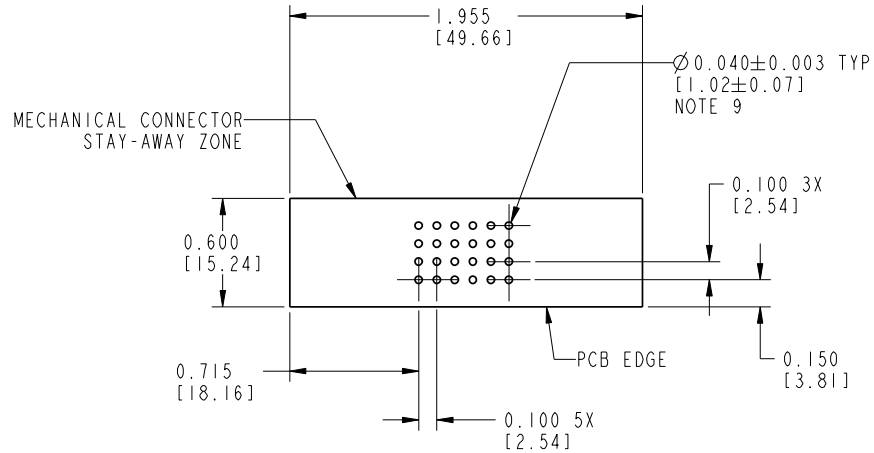
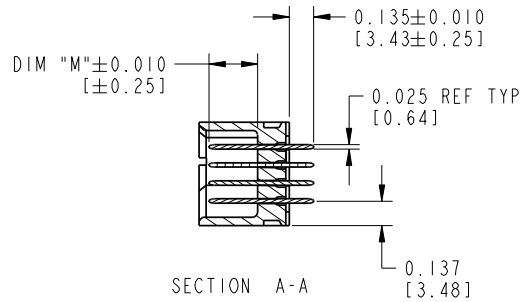
code code 22526

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PRODUCT NUMBER
51952-016--
NOTE 2



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI	
lir	ecr no.	dr	date	linear	angular	linear	angular	projection	title	product family	code
c						.XX ± .01 / 0.X ± 0.3			IP + 24S + IP	PwrBlade	213
						.XXX ± .005 / 0.XX ± 0.13			VERTICAL SOLDER HEADER		sheet
						.XXX ± .0020 / 0.XXX ± 0.051					2 of 3
				dr		T. BRUNGARD 01/09/03		INCH/MM			
				enr		M. MOSTOLLER 01/09/03		scale			
				chr		M. MOSTOLLER 01/09/03		1:1			
				appd		M. MOSTOLLER 01/09/03					
sheet index	revision	sheet									

cage code 22526

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B

PRODUCT NUMBER
51952-016-- NOTE 2

CONNECTOR NOTES:

1. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL CONTACT MATERIAL: COPPER ALLOY

2. PLATING:

51952-016: 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

51952-016LF: 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 51952-016LF 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.

3. PACKAGED IN TRAYS.

4. PRODUCT SPECIFICATION GS-12-149

5. ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, UNLESS OTHERWISE SPECIFIED.

PCB NOTES:

6. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
7. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
8. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
9. $\varnothing 0.0453 \pm 0.0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu
PLATING TO ACHIEVE A $\varnothing 0.040 \pm 0.003$ [1.02 $\pm$ 0.07] HOLE.

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mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		A FCI	
lfr	ecn no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3	projection	COPY	title	IP + 24S + IP VERTICAL SOLDER HEADER	product family	PwrBlade
c											
				angles	.XXX $\pm$.005/0.XX $\pm$ 0.13		INCH/MM	size	dwg no	code	213
				dr	.XXX $\pm$.0020/0.XXX $\pm$ 0.051						
				enrg	0° $\pm$ 2°	scale	1:1	A	51952-016	sheet	3 of 3
				chr	T. BRUNGARD 01/09/03						
				appd	M. MOSTOLLER 01/09/03	sheet index	revision	sheet			
					M. MOSTOLLER 01/09/03						

A

B

1 | 2

Pro/E

3 |

cage code 22526

4