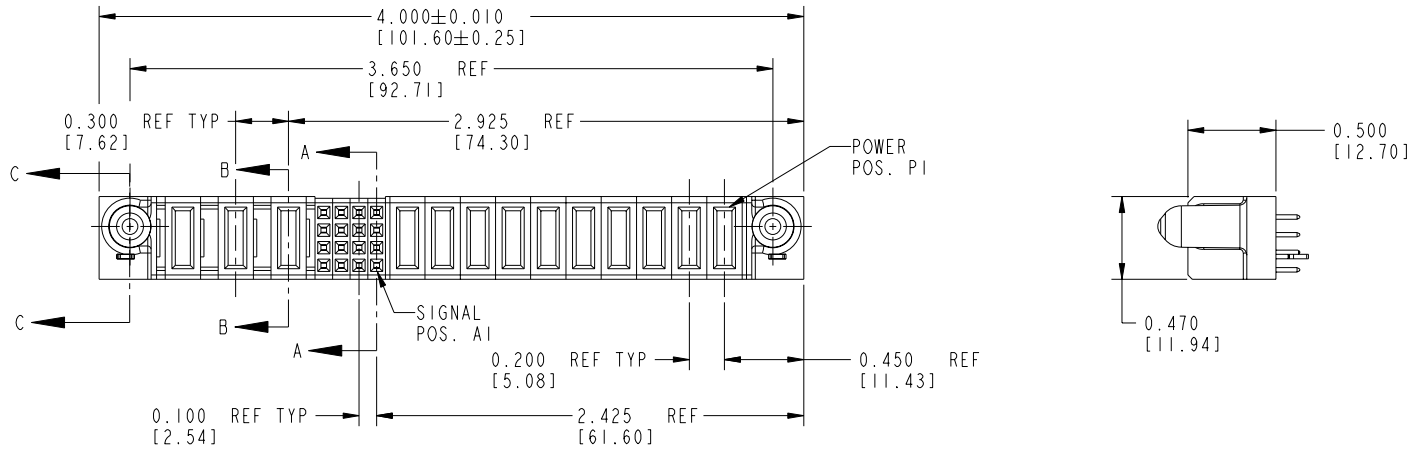
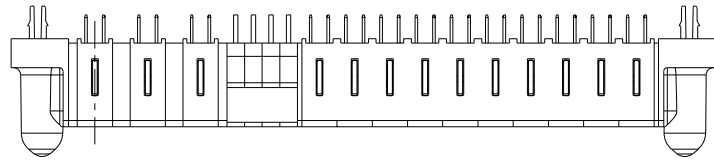


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PRODUCT No.	ROWS	POWER			SIGNAL			POWER										E1		
		E2	P13	P12	P11	4	3	2	1	P10	P9	P8	P7	P6	P5	P4	P3		P2	P1
51940-003-- NOTE:2	D C B A																			



CODE	DIM "M" MATING LENGTH	DIM "T" TAIL LENGTH	CONTACT TYPE
E	N/A [N/A]	0.135 [3.43]	SIGNAL
PA	0.042 [1.07]	0.135 [3.43]	POWER
PD	0.092 [2.34]	0.135 [3.43]	POWER
HA	N/A [N/A]	N/A [N/A]	HOLD-DOWN

mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.xx±.01/0.X±0.3	COPY		projection		title	
A	V12519	JWS	11/1/01		.xxx±.005/0.xx±0.13					10P + 16S + 3ACP	
B	DG05-0418	CS	10/25/05	angles	.xxx±.0020/.xxx±.051					VERTICAL SOLDER RECEPTACLE	
C	DG05-0508	CS	11/28/05	dr	0°±2°			INCH/MM		product family	
				enr	J. SHAFFER 11/1/01			1:1		PwrBlade	
				chr	E. TREECE 11/1/01			A		code	
				appd	E. TREECE 11/1/01					213	
sheet index	revision sheet	C	C							sheet	
		1	2							1 of 3	

cage code 22526 4

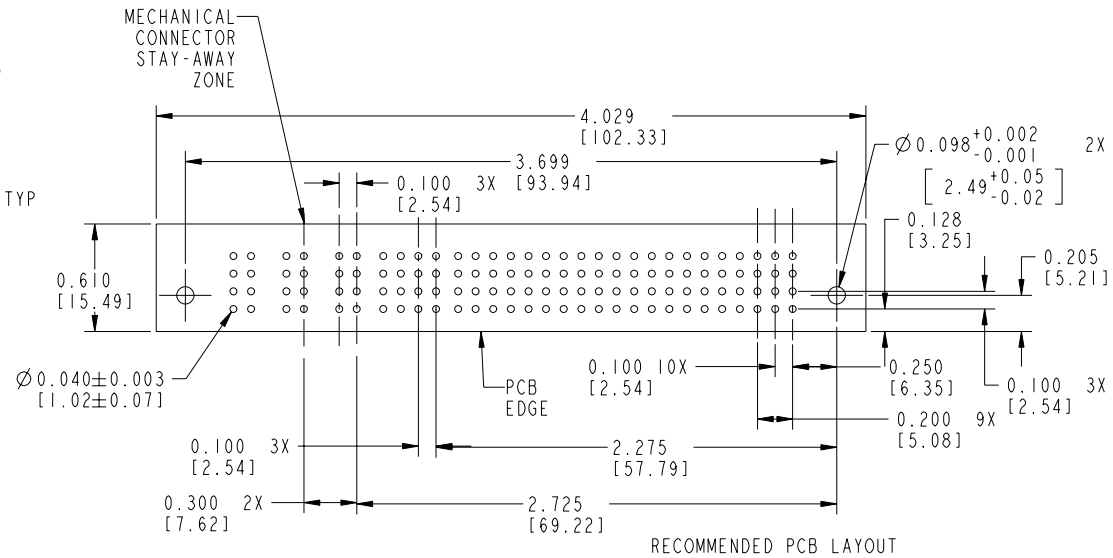
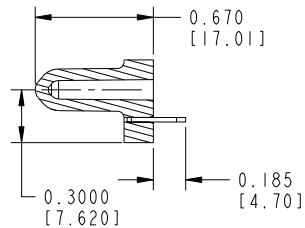
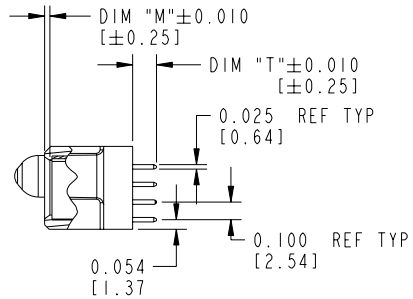
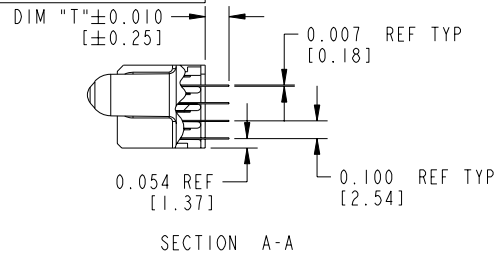
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**FCI**

PRODUCT NUMBER

51940-003\_  
NOTE: 2



mat'l code		SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		<b>FCI</b>		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.xx±.01/0.X±0.3	COPY		projection	title 10P + 16S + 3ACP VERTICAL SOLDER RECEPTACLE		
C				angles	.xxx±.005/0.xx±0.13	INCH/MM		product family	PwrBlade	code	213
				dr	.xxx±.0020/.xxx±.051	1:1		size	51940-003	sheet	2
				enr	0°±2°			scale			
				chr	J. SHAFFER 11/1/01						
				appd	E. TREECE 11/1/01						
					E. TREECE 11/1/01						
sheet index	revision sheet										

cage code 22526

Pro/E

PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010

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PRODUCT NUMBER  
51940-003\_  
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:  
  - 51940-003 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,  
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.  
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,  
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
  - 51940-003LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,  
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.  
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,  
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51940-003LF 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. "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE
- 4. PRODUCT SPECIFICATION GS-12-149

PCB NOTES:

- 5. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- 6. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
- 7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
- 8. Ø0.098[2.49] THROUGH HOLES ARE UNPLATED.
- 9. Ø0.0453±0.0010 [1.151±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 Ø0.040±0.003 [1.02±0.07] HOLE.

**CONFIDENTIAL**

mat'l code				3		tolerances unless otherwise specified		CUSTOMER		A FCI	
ltr	ecn no.	dr	date	linear		COPY		projection		title 10P + 16S + 3ACP	
C				angles						VERTICAL SOLDER RECEPTACLE	
				dr	J. SHAFFER	11/1/01	INCH/MM		product family PwrBlade		code
				enr	E. TREECE	11/1/01	scale 1:1		size		213
				chr	E. TREECE	11/1/01	A		51940-003		sheet
				appd	E. TREECE	11/1/01					3
sheet index	revision sheet										

cage code 22526 4

Pro/E

PDM: Rev:C

STATUS:Released

Printed: Dec 20, 2010