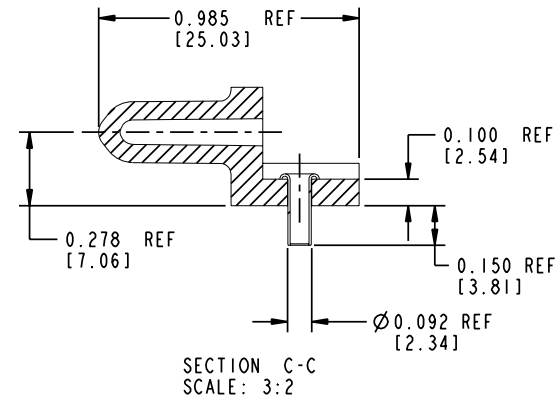
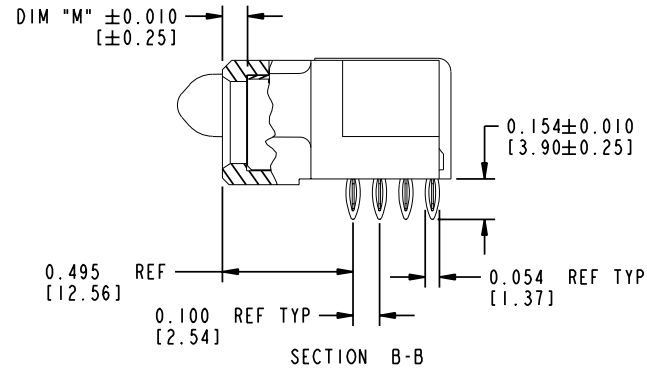
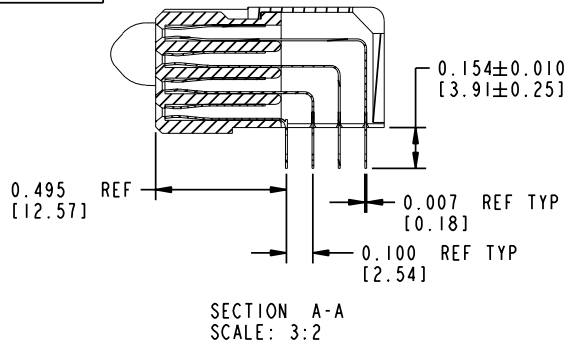


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PRODUCT NUMBER
51823-001..
 NOTE: ②



mat'l code		NOTE 1		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	
F					.XXX±.005/0.XX±0.13	projection		9P + 32S + 4P RIGHT ANGLE PRESS-FIT RECEPTACLE	
				angles	.XXX±.0020/0.XXX±.051	 INCH/MM		product family	
				dr	0°±2°	scale		PWRBLADE	
				enr	C. DAILY 06/21/00	3:2		code	
				chr	E. TREECE 6/21/00			213	
				appd	E. TREECE 06/21/00			sheet	
								2	
sheet index	revision sheet								

cage code **22526**

Pro/E

PDM: Rev:F

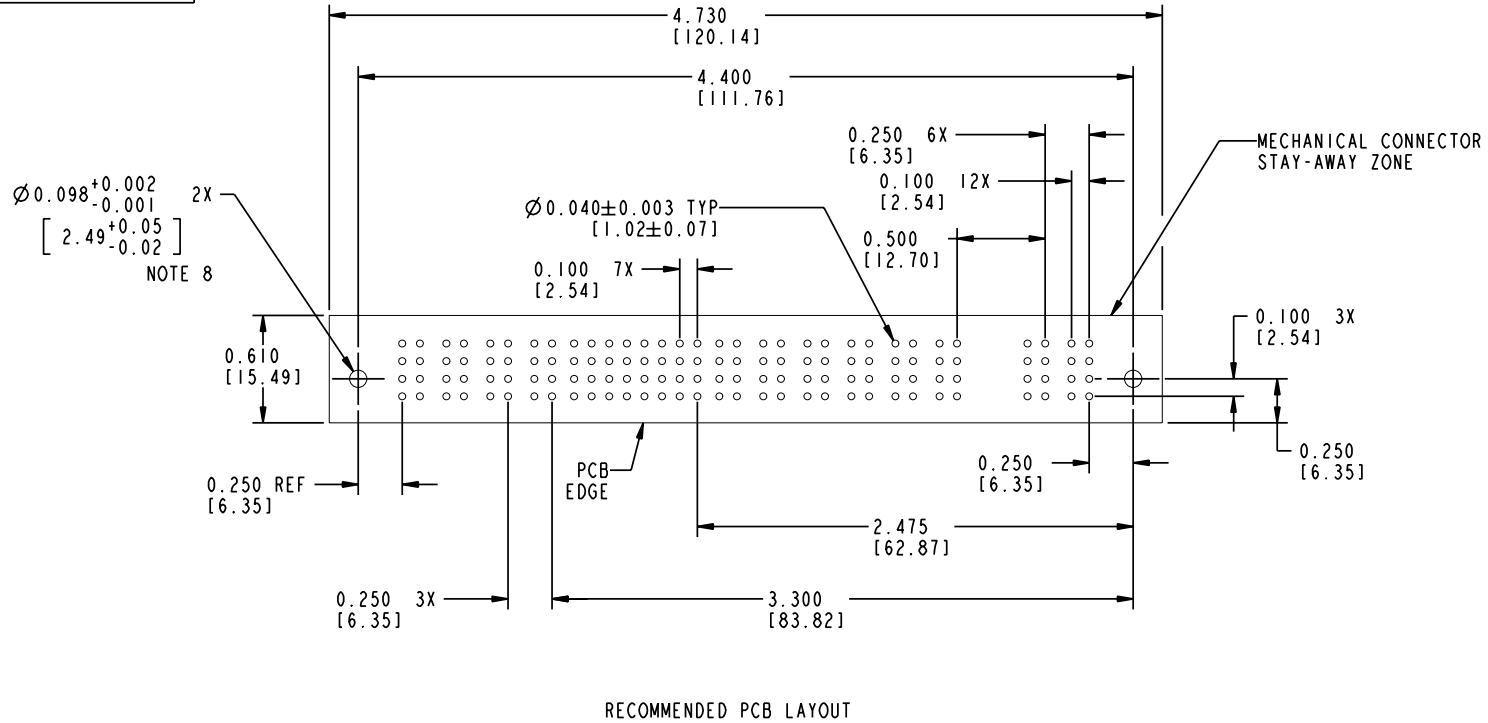
STATUS: Released

Printed: Aug 11, 2007

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RECOMMENDED PCB LAYOUT

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ltr	ecn no.	dr	date	linear	.xx±.01/0.xx±0.3	COPY		projection	title
F					.xxx±.005/0.xxx±0.13				9P + 32S + 4P RIGHT ANGLE PRESS-FIT RECEPTACLE
				angles	.xxx±.0020/0.xxx±.051				product family
				dr	0°±2°	INCH/MM			PWRBLADE
				enr	C. DAILY 06/21/00	scale		size	code
				chr	E. TREECE 6/21/00	1:1		dwg no	213
				appd	E. TREECE 06/21/00			sheet	3
sheet index	revision sheet								

Pro/E

cage code **22526**

PDM: Rev:F

STATUS:Released

Printed: Aug 11, 2007

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PRODUCT NUMBER
51823-001..
 NOTE: (2)

CONNECTOR NOTES:

- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
 SIGNAL CONTACT MATERIAL: COPPER ALLOY
 POWER CONTACT MATERIAL: COPPER ALLOY
- PLATING:
 - 51823 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE WHOLE AREA.
 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.
 - 51823LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE WHOLE AREA.
 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 51823LF 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.

- "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE
- PRODUCT SPECIFICATION GS-12-149
- USE CAM TOOL NUMBER 166459-003

PCB NOTES:

- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
- Ø0.098 [2.49] THROUGH HOLES ARE UNPLATED AND ARE USED TO ALIGN PCB WITH FCI INSERTION TOOLING.
- 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±.07] HOLE.

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ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection		title	
F					.XXX±.005/0.XX±0.13					9P + 32S + 4P RIGHT ANGLE PRESS-FIT RECEPTACLE	
				angles	.XXX±.0020/0.XXX±.051					product family	
					0°±2°			INCH/MM		PWRBLADE	
				dr	C.DAILY 06/21/00	scale		A		code	
				enr	E.TREECE 6/21/00	1:1		size		213	
				chr	E.TREECE 06/21/00			51823		sheet	
				appd	E.TREECE 06/21/00					4	
sheet index	revision sheet										

Pro/E

cage code 22526 4