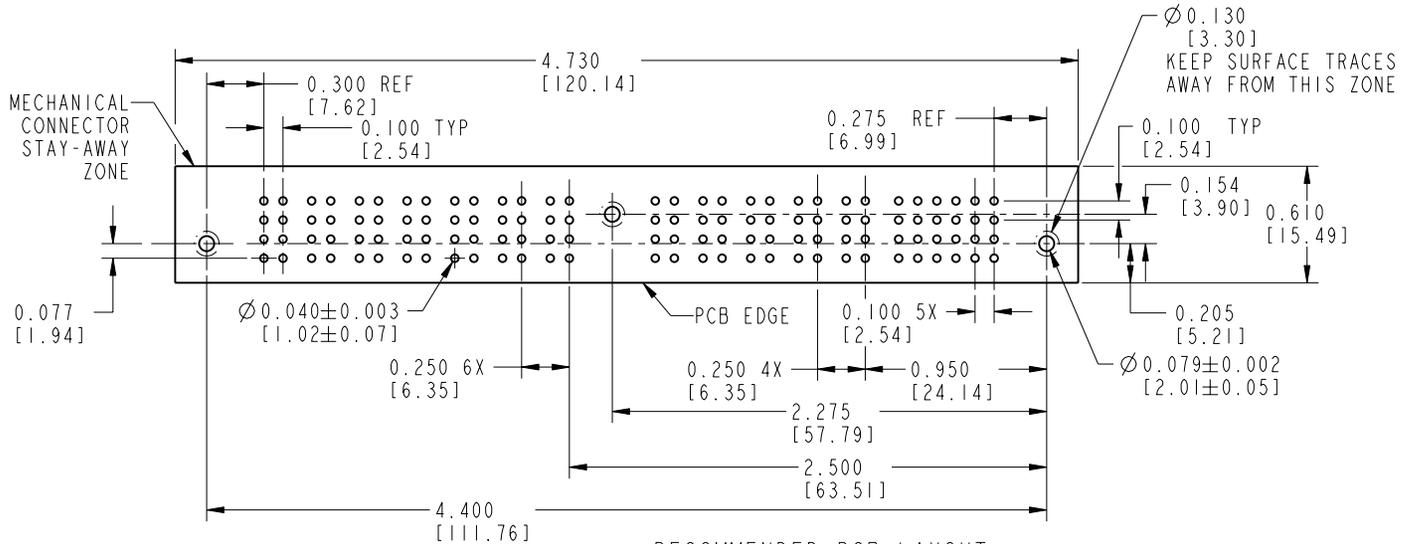
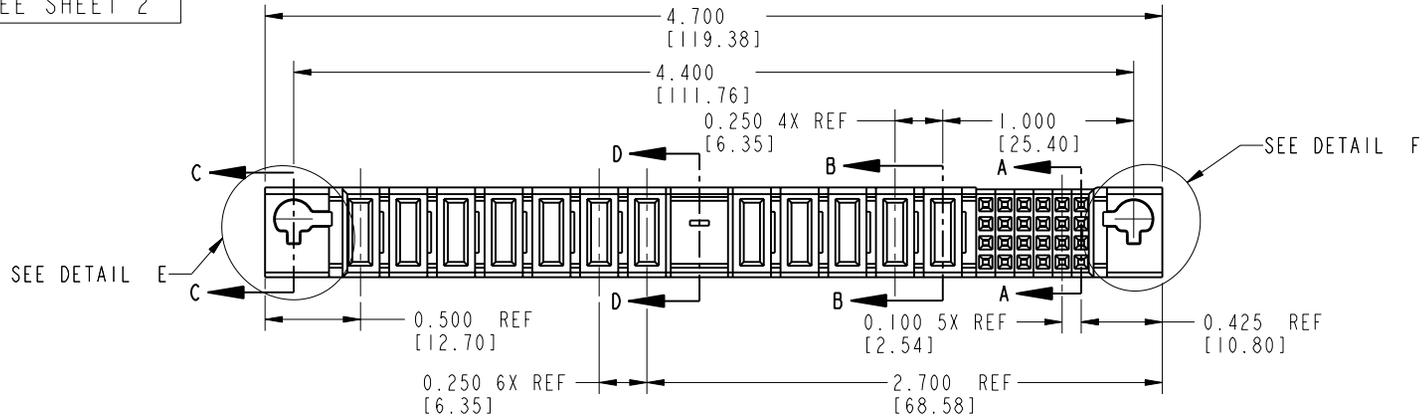


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PRODUCT NUMBER  
51261-XXYYY  
SEE SHEET 2



RECOMMENDED PCB LAYOUT

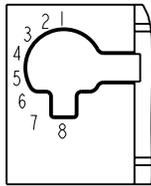
mat'l code		NOTE 2		tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX ±.01/.X ±.3	projection		title	
H	DG05-0375	GuoJM	10/06/05	angles	.XXX ±.005/.XX ±.13			24S + 5P + 1M + 7P VERTICAL SOLDER TAIL RECEPTACLE	
				dr	.XXXX ±.0020/.XXX ±.051			product family	
				enqr	0° ± 2°	IN/MM		PWRBLADE	
				chr	LEV-4	scale		code	
				appd	02-04-98	1:1		213	
					J. BROWN			SHEET	
					02-04-98			1 OF 3	
sheet index	revision sheet	H	H	H					
		1	2	3					

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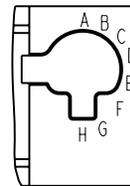
**FCI**

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PRODUCT No.	ROWS	POWER														SIGNAL						
		E2	P12	P11	P10	P9	P8	P7	P6		P5	P4	P3	P2	P1	6	5	4	3	2	1	E1
51261-XX001-- NOTE: 3	D C B A		PA	PA	PA	PA	PA	PA	PA		PA	PA	PA	PA	PA	E	E	E	E	E	E	
51261-XX003-- NOTE: 3	D C B A		PA	PA	PA	PA	PA	PA	PA		PA	PA	PA	PA	PA	E	E	E	E	E	E	



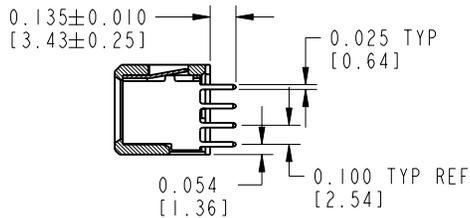
DETAIL E  
SCALE 2:1



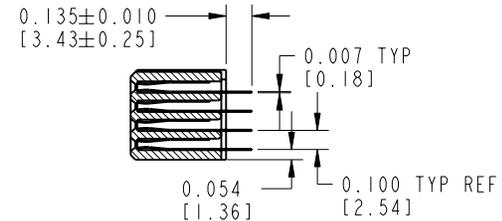
DETAIL F  
SCALE 2:1



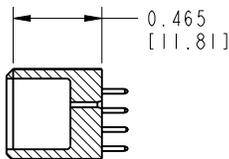
SECTION C-C



SECTION B-B



SECTION A-A



SECTION D-D

NOTE 2				tolerances unless otherwise specified		CUSTOMER		<b>FCI</b> <a href="http://www.fciconnect.com">www.fciconnect.com</a>	
lfr	ecr no.	dr	date	linear	.XX ±.01/.X ±.3	COPY		title	
H				angles	.XXX ±.005/.XX ±.13	projection		24S + 5P + 1M + 7P	
				dr	.XXXX ±.0020/.XXX ±.051			VERTICAL SOLDERTAIL RECEPTACLE	
				engr	0° ± 2°	IN/MM		product family	
				chr	LEV-4 02-04-98	scale		PWRBLADE	
				appd	J. BROWN 02-04-98	1:1		code	
sheet index		revision sheet						213	
								SHEET 2	

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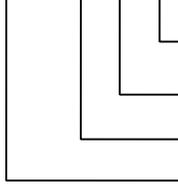
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PRODUCT NUMBER  
51261-XXYYY  
SEE SHEET 2

NOTES:

1. PRODUCT NUMBERING CODE:

51261 - XX YYY LF



NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE  
ADD THIS SUFFIX: 78u"/2.00um Sn OR 5u" Au ON PCB INTERFACE.  
SEQUENCE NUMBER  
ALWAYS 'XX'  
BASE NUMBER

2. HOUSING MATERIAL: GLASS FILLED HIGH TEMP. THERMOPLASTIC  
UL94 V-0  
SIGNAL CONTACT MATERIAL: COPPER ALLOY  
POWER CONTACT MATERIAL: COPPER ALLOY

3. PLATING:

51261-XXYYY 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.  
51261-XXYYYLF 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 51261-XXYYYLF 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. ALFA KEYING POSITION: IS CONFIGURED WITH POSITION "A" (SEE DETAIL "F")
- 5. NUMERIC KEYING POSITION: IS CONFIGURED WITH POSITION "1" (SEE DETAIL "E")
- 6. PRODUCT SPECIFICATION GS-12-149
- 7. "COMPANY" NAME, P/N, AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-24-017.

PCB NOTES:

- 8. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED
- 9. ALL THROUGH HOLES ARE LOCATED WITHIN A TRUE POSITION OF 0.004[0.10]
- 10. ALL DIAMETERS ARE FINISHED HOLE SIZE.
- 11. Ø.079 THROUGH HOLES ARE UNPLATED.
- 12. 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.



CODE	CONTACT TYPE
PA	POWER
E	SIGNAL
X	OMITTED

mat'l code		NOTE 2		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	XX ±.01/.X ±.3	COPY		title	
H				angles	XXX ±.005/.XX ±.13	projection		24S + 5P + 1M + 7P	
				dr	XXX ±.0020/.XXX ±.051			VERTICAL SOLDER TAIL RECEPTACLE	
				engr	0° ± 2°			product family	
				chr	LEV-4 02-04-98			PWRBLADE	
				appd	J. BROWN 02-04-98			code	
				sheet index	J. BROWN 02-04-98			213	
				revision sheet				SHEET 3	