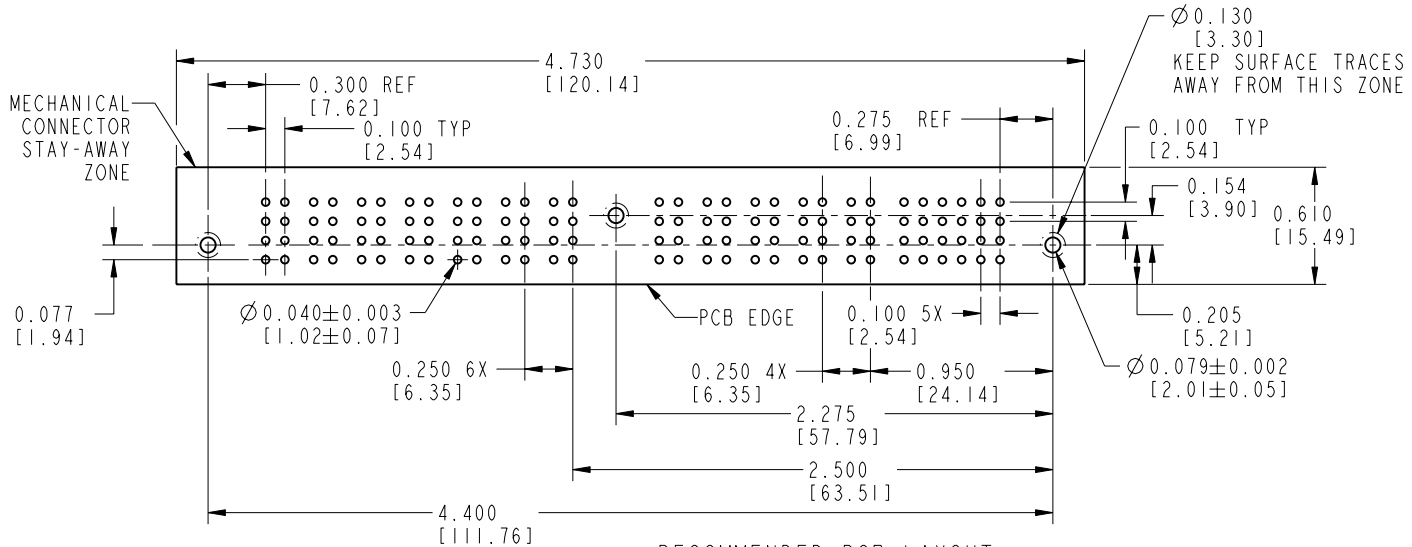
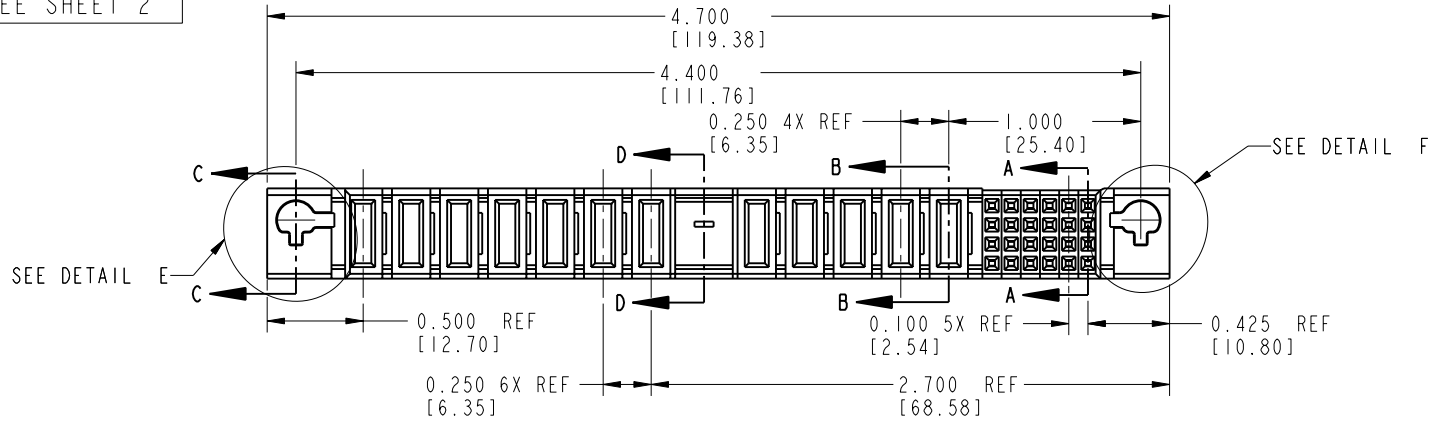


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PRODUCT NUMBER
51261-XXYYY
SEE SHEET 2



RECOMMENDED PCB LAYOUT

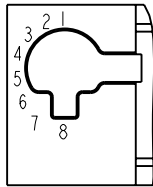
mat'l code		NOTE 2		tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX ±.01/.X ±.3	projection		title	
H	DG05-0375	GuoJM	10/06/05	angles	.XXX ±.005/.XX ±.13			24S + 5P + 1M + 7P VERTICAL SOLDER TAIL RECEPTACLE	
				dr	.XXXX ±.0020/.XXX ±.051			product 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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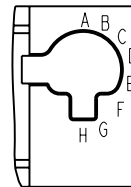
FCI

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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	



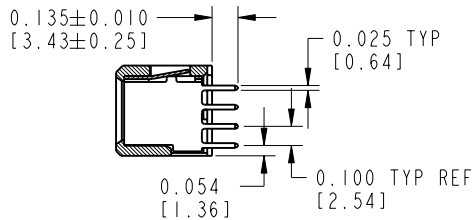
DETAIL E
SCALE 2:1



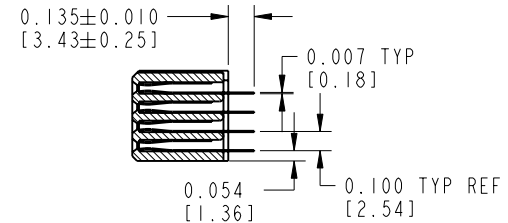
DETAIL F
SCALE 2:1



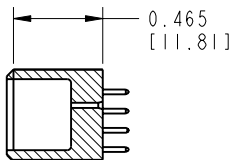
SECTION C-C



SECTION B-B



SECTION A-A



SECTION D-D

NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI	
mat'l code	lfr	ecn no.	dr	date	.XX ±.01/.X ±.3	COPY	www.fciconnect.com		
	H				linear .XXX ±.005/.XX ±.13	projection	title 24S + 5P + 1M + 7P		
					angles .XXXX ±.0020/.XXX ±.051		VERTICAL SOLDER TAIL RECEPTACLE		
					dr LEV-4 02-04-98	IN/MM	product family PWRBLADE	code	213
					enrg J. BROWN 02-04-98	scale 1:1	size	dwg no	SHEET 2
					chr J. BROWN 02-04-98		A	51261	
					appd J. BROWN 02-04-98				
sheet index	revision sheet								

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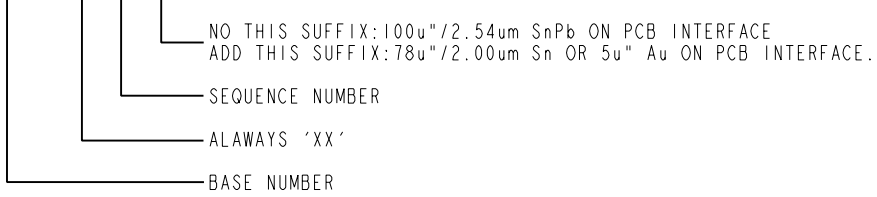
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PRODUCT NUMBER
51261-XXYYY
SEE SHEET 2

NOTES:

1. PRODUCT NUMBERING CODE:

51261 - XX YYY LF



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					XXX ±.005/.XX ±.13	projection		24S + 5P + 1M + 7P	
				angles	XXX ±.0020/.XXX ±.051			VERTICAL SOLDER TAIL RECEPTACLE	
				dr	0° ± 2°			product family	
				engr	LEV-4 02-04-98	1 N / MM		PWRBLADE	
				chr	J. BROWN 02-04-98	scale		code	
				appd	J. BROWN 02-04-98	1:1		213	
sheet index	revision sheet							size	
								dwg no	
								51261	
								SHEET 3	