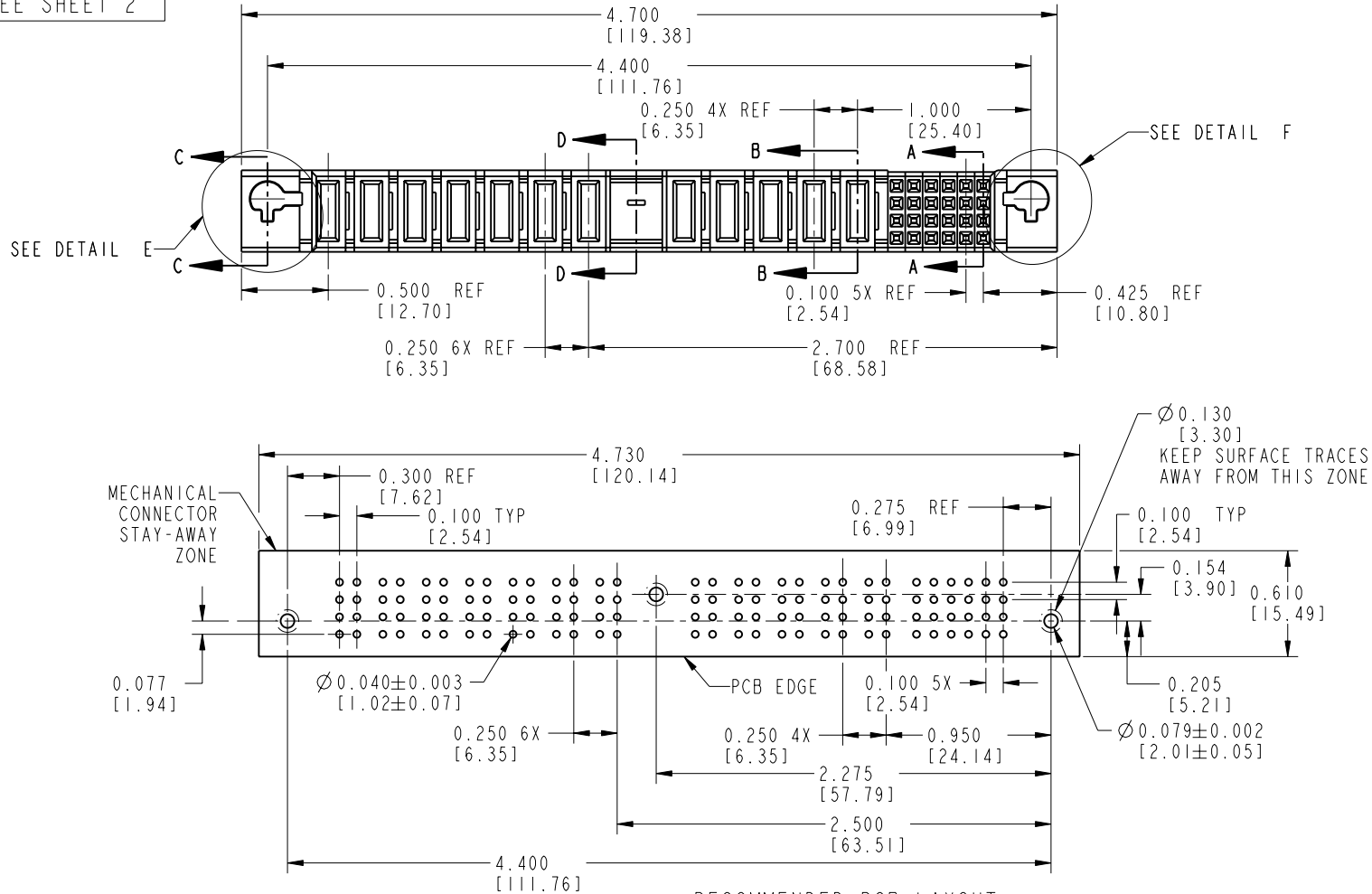


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
FCI

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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		<div><div>A</div><div>FCI</div></div> <div>www.fciconnect.com</div>	
lfr	ecn no.	dr	date	linear	<div>.XX ±.01/.X ±.3</div> <div>.XXX ±.005/.XX ±.13</div> <div>.XXXX ±.0020/.XXX ±.051</div>				projection 	title 24S + 5P + 1M + 7P VERTICAL SOLDER TAIL RECEPTACLE			
H	DG05-0375	GuoJM	10/06/05		angles	0° ± 2°							
				dr	LEV-4	02-04-98			<div>IN/MM</div> <div>scale 1:1</div>	product family PWRBLADE		code	
				enqr	J. BROWN	02-04-98				size	dwg no	213	
				chr	J. BROWN	02-04-98				A	51261	SHEET 1 OF 3	
				appd	J. BROWN	02-04-98							
sheet index	revision sheet	H	H	H									
		1	2	3									

form no. 7530-001-103

PDM: Rev:H

STATUS Released

Printed: Jul 23, 2008

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Δ **ΕΙ**

PRODUCT NUMBER									
51261-XXXXY									
SEE SHEET 2									

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	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE						

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-XX003-- NOTE: 3	D C B A		PA	PA	PA	PA	PA	PA	PA		PA	PA	PA	PA	PA	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE						

DETAIL E
SCALE 2:1

DETAIL F
SCALE 2:1

SECTION C-C

SECTION B-B

SECTION A-A

SECTION D-D

mot'l code				NOTE 2		tolerances unless otherwise specified		CUSTOMER	FCI		www.fciconnect.com	
lfr	ecr no.	dr	date	linear	.XX ±.01/.X ±.3	projection	copy	title		24S + 5P + 1M + 7P VERTICAL SOLDERTAIL RECEPTACLE		
H				angles	.XXX ±.005/.XX ±.13	0° ± 2°	IN/MM	product family		PWRBLADE		
				chr	J. BROWN	02-04-98	scale	size		dwg no		
				appd	J. BROWN	02-04-98	1:1	A		51261		
sheet index	revision sheet							cage code		22526		

form no. 7530-001-I03

2

3

cage code

22526

4

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A

FCI

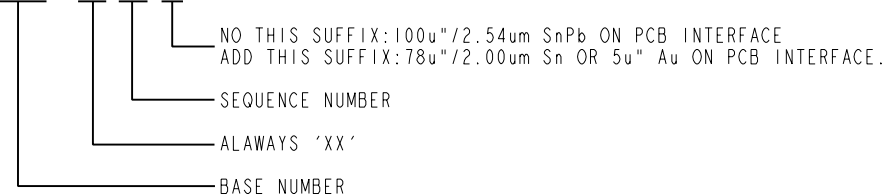
B

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 JOTHER 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 "I" (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.

CODE	CONTACT TYPE
PA	POWER
E	SIGNAL
X	OMITTED

form no. 7530-001-103

1 2 3 4

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.

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

cage code 22526