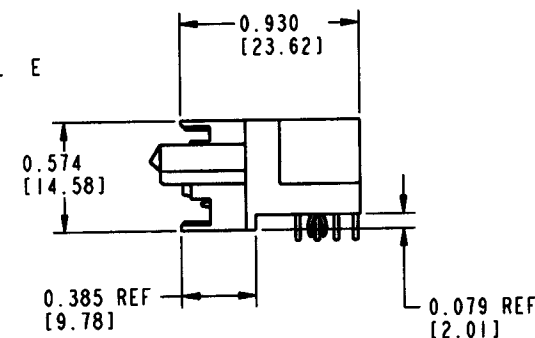
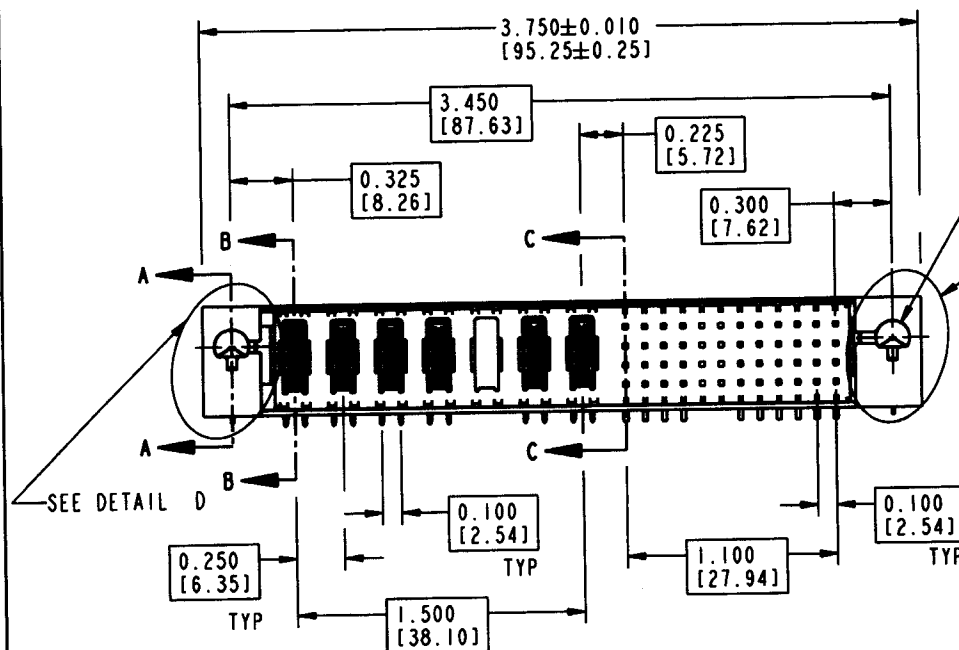
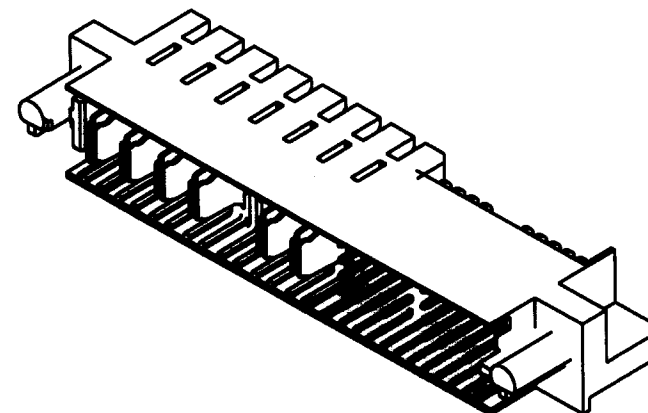
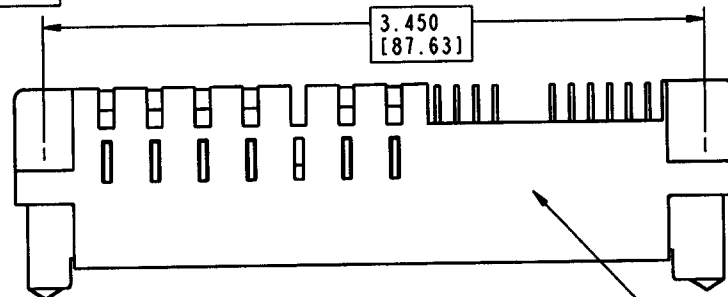


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PRODUCT NUMBER
51601-XX001



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SEE NOTES				tolerances unless otherwise specified		CUSTOMER COPY		FCI ELECTRONICS	
litr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection		title	7P + 48S
A	V81897	DLW	10-30-98	linear	.XXX±.005/.X±.13			product family	PWRBLADE
B	V80898	DLW	01-22-99	linear	.XXX±.0020/.XXX±.051			size	dwg no
C	V84311	ENK	01-28-00	angles	0°±2°	INCH / MM	1:1	A	51601
				dr	D. WOLFORD 10-30-98				213
				enr	J. BROWN 10-30-98				SHEET 1 OF 3
				chr	J. BROWN 10-30-98				
				appd	J. BROWN 10-30-98				
sheet index	revision sheet	C	C	C					
		1	2	3					

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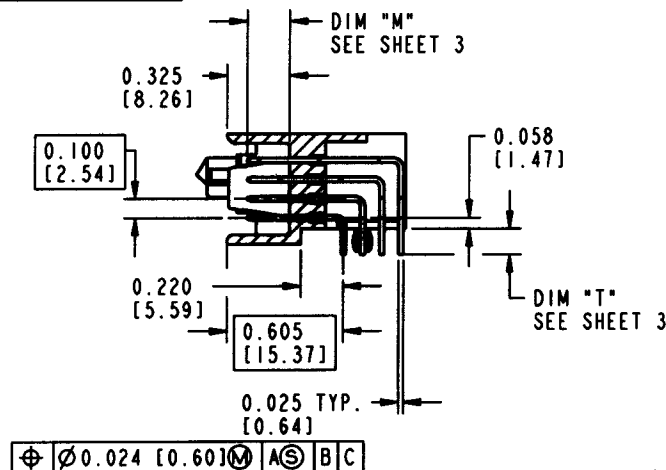
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PRODUCT NUMBER
51601-XX001

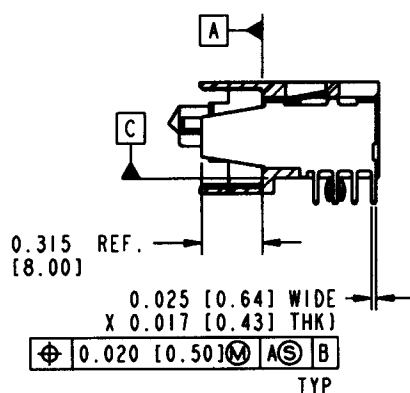
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SCALE 1:1
CODE H SHOWN



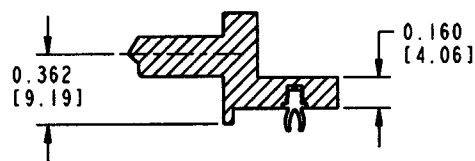
DETAIL E
SCALE 1:1
CODE 8 SHOWN



SECTION C-C
SCALE 1:1



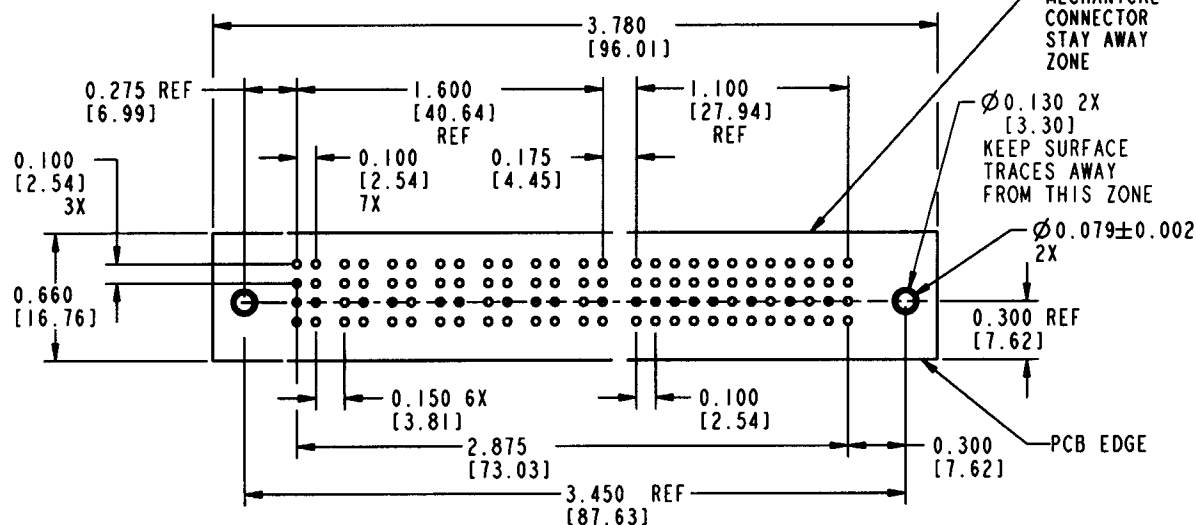
SECTION B-B



SECTION A-A

CONNECTORS - NOTES:

- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMO PLASTIC
SIGNAL PIN MATERIAL: PHOS. BRONZE
POWER CONTACT MATERIAL: COPPER ALLOY
 - "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE
 - PRODUCT SPECIFICATION GES-12-149
- PCB - NOTES
- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
 - ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004
 - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
 - Ø.079 [2.49] THROUGH HOLES ARE UNPLATED
 - Ø.0453 [1.151] DRILLED HOLES
PLATED WITH .0003 [0.007] MIN SnPb
OVER .001 [0.03] to .003 [0.08] PLATING TO ACHIEVE
A .040±.003 [1.02±.08] HOLE



RECOMMENDED PCB LAYOUT

SEE NOTES				tolerances unless otherwise specified		CUSTOMER COPY		ELECTRONICS	
ltr	ecn no.	dr	date	linear	angular	projection	INCH / MM	title	www.fciconnect.com
C				.XX±.01/.X±.3	0°±2°	1:1		7P + 48S	
				.XXX±.005/.X±.13				RIGHT ANGLE SOLDER HEADER	
				.XXX±.0020/.XXX±.051				product family	PWRBLADE
								size	213
				dr D. WOLFORD 10-30-98				51601	SHEET 2 OF 3
				engr J. BROWN 10-30-98					
				chr J. BROWN 10-30-98					
				appd J. BROWN 10-30-98					
sheet index	revision sheet								

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PRODUCT NUMBER
51601-XX001

ITEM NO.	QTY	DIM "M" MATING LENGTH ±.010		DIM "T" TAIL LENGTH ±.010		CONTACT TYPE	PLATING FOR MATING		PLATING FOR TAIL
ME	6	0.315	[8.00]	0.135	[3.43]	POWER	30u''	[.76um]Au	SnPb
E	9	0.220	[5.59]	0.135	[3.43]	SIGNAL	30u''	[.76um]Au	30u'' [.76um]Au
F	10	0.220	[5.59]	0.135	[3.43]	SIGNAL	30u''	[.76um]Au	30u'' [.76um]Au
G	10	0.220	[5.59]	0.135	[3.43]	SIGNAL	30u''	[.76um]Au	30u'' [.76um]Au
H	9	0.220	[5.59]	0.135	[3.43]	SIGNAL	30u''	[.76um]Au	30u'' [.76um]Au
J	1	0.170	[4.32]	0.135	[3.43]	SIGNAL	30u''	[.76um]Au	30u'' [.76um]Au
M	1	0.170	[4.32]	0.135	[3.43]	SIGNAL	30u''	[.76um]Au	30u'' [.76um]Au
HA	2	N/A	[]	N/A	[]	HOLD-DOWN	N/A		SnPb

PRODUCT No.	ROWS	POWER							SIGNAL												E2
		E1	P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	7	8	9	10	11	12
51601-001	D C B A		ME	ME	ME	ME		ME	ME	HHHH GGGG EEEE	HHHH GGGG EEEE	HHHH GGGG EEEE	HHHH GGGG EEEE	HHHH GGGG EEEE	HHHH GGGG EEEE	HHHH GGGG EEEE	HHHH GGGG EEEE	HHHH GGGG EEEE	HHHH GGGG EEEE	HHHH GGGG EEEE	

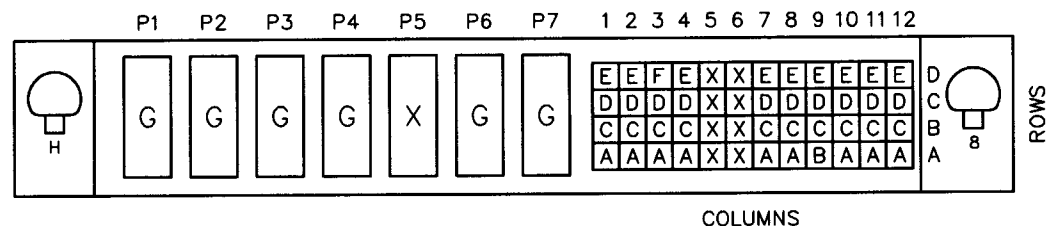
mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER COPY		ELECTRONICS www.fciconnect.com		
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3				projection		title 7P + 48S RIGHT ANGLE SOLDER HEADER	product family		PWRBLADE		code 213
c					.XXX±.005/.X±.13							INCH / MM scale 1:1	size A	dwg no 51601		
					.XXXX±.0020/.XXX±.051											
					0°±2°											
				dr	D. WOLFORD		10-30-98									
				enr	J. BROWN		10-30-98									
				chr	J. BROWN		10-30-98									
				appd	J. BROWN		10-30-98									
sheet index		revision sheet														

form no. 7530-001-103

cage code 22526

ITEM	SIZE - 7 POWER / 48 SIGNAL		POSITIONS LOADED - 6 POWER / 40 SIGNAL		
	PLATING--30u"/.76u Au		SOLDER TAIL STYLE--TERM P/N 94523		
	QTY.	PART NUMBER	MATING LENGTH ±.010/0.25	TAIL LENGTH ±.010/0.25	PIN LENGTH
A	9	94523-1128B	.22/5.6	.135/3.43	.679/17.25
B	1	94523-1124B	.17/4.3	.135/3.43	.629/15.98
C	10	94523-1129B	.22/5.6	.135/3.43	.879/22.33
D	10	94523-1130B	.22/5.6	.135/3.43	1.079/27.41
E	9	94523-1131B	.22/5.6	.135/3.43	1.279/32.49
F	1	94523-1127B	.17/4.3	.135/3.43	1.229/31.22
G	6	51142-001	N/A	.135/3.43	N/A
X	9	OMIT	N/A	N/A	N/A

HOUSING P/N 51532-H0488



SELECT LOAD SHEET

NOTES:

- COLUMN 1, ROW A IS DESIGNATED AS PIN 1,
AS VIEWED FROM THE MATING FACE.
- INSTALL HOLD DOWN P/N 74774-101.

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		BERG ELECTRONICS	
ltr	ecn no	dr	date	linear	.xx ±.01/ .x±.3	projection	title	7 POWER + 48 SIGNAL R/A HEADER	
A					.xxx ±.005/ .xx±.13				
				angles	.xxx ±.0020/ .xxx±.05			product family POWERBLADE	
				dr	D.WOLFORD 10/30/98	INCH/MM		code	
				enfr	J.BROWN 10/30/98			size dwg no	
				chr	J.BROWN 10/30/98	scale		A 51601	
				appd	J.BROWN 10/30/98	1:1		sheet 4 of	
sheet index	revision sheet							cage code 22526	