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PRODUCT NUMBER
SEE TABLE

.050[1.27]
REF

.020[0.51]
REF

DIM C

DIM A

.039[0.99]
TYP 2X
E

.120±0.003[3.05±0.08]

DIM B

Ø.0520[1.321]
2X

.050[1.27]
REF

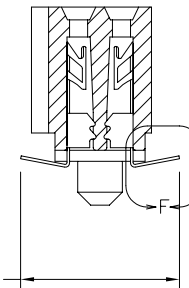
.044[1.12]

.187[4.75]

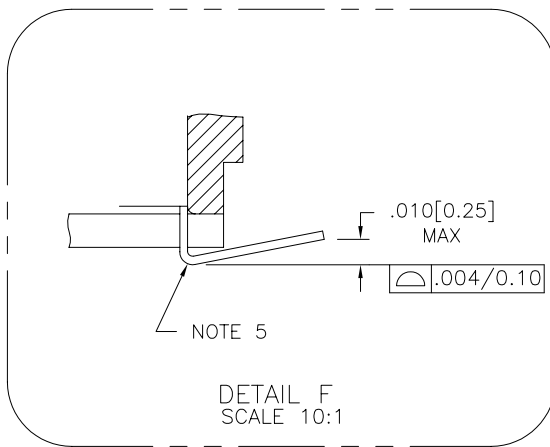
.007[0.18]

.185±0.015[4.70±0.38]

DIM D







SECTION X-X



NOTE 5

DETAIL F
SCALE 10:1

mat'l. code				surface  tolerance ISO 1302 ISO 406 ISO 1101		projection 		product family RIBCAGE			
ltr	ecn no	dr	date	tolerances unless otherwise specified			 INCH/MM scale 5:1	title .050/1.27CC VERT. CARD CONNECTOR SMT. W/LOC. & SPEC, KEY FEATURES			
A	V71525	EPK	10/24/97	angles		.XX±.01/.3		sheet 1 of 3 size			
B	V02780	DLW	12/1/00		linear	.XXX±.005/.13		dwg no 74286 A3			
C	V10994	DLW	3/9/01	0°±2'		.XXXX±.0020/.051		type Product Customer Drawing			
D	V11674	CRG	6/21/01	dr	E.KROPIEWINICKI	10/24/97					
E	M05-0123	MHT	6/06/05	enrg	D.WHITING	10/24/97					
F	M07-0302	MHT	6/27/07	chr	D.WHITING	10/24/97					
				apdd	D.WHITING	10/24/97					
sheet index		revision		F	F	F					
		sheet		1	2	3					

form: A3

PRODUCT NUMBER
SEE TABLE

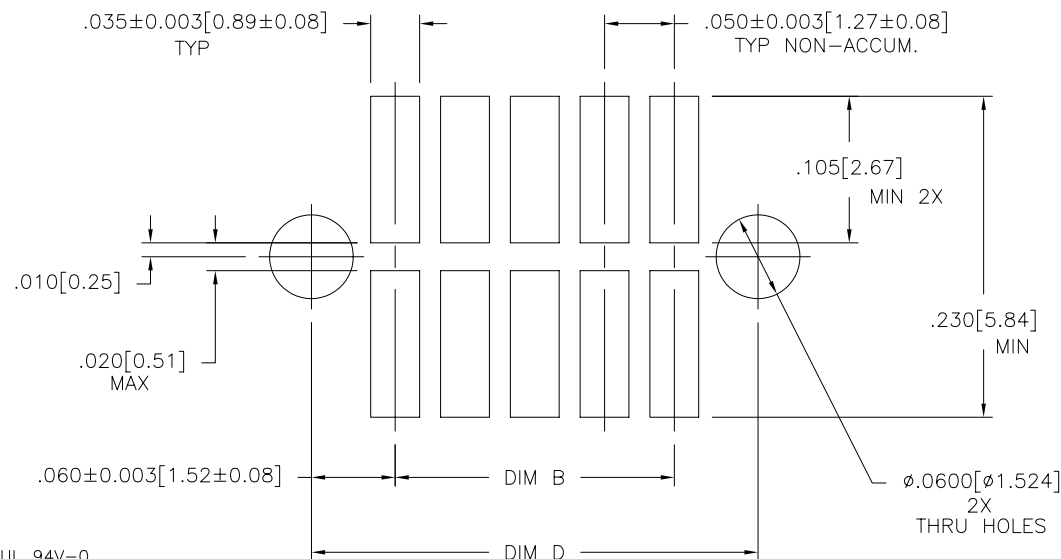




FIGURE A
RECOMMENDED P.C.B. LAYOUT

NOTES:

- ① HOUSING MATERIAL:
GLASS FILLED THERMOPLASTIC FLAME RETARDANT PER UL 94V-0
COLOR: BLACK
- ② TERMINAL MATERIAL: BeCu
- ③ TERMINAL PLATING:
30u"/.76u MIN HARD GOLD OVER Ni ON CONTACT ZONES, 100u"/2.54u MIN TIN OVER Ni
IN SOLDERING ZONES, OTHERWISE GOLD FLASH OR UNPLATED.
9XX- 60u"/1.52u MIN HARD GOLD ON CONTACT ZONES, 100u"/2.54u MIN TIN OVER Ni
OVER Ni IN SOLDERING ZONES, OTHERWISE GOLD FLASH OR UNPLATED.
- 4 APPLICATION INFORMATION:
 - A. RECOMMENDED MOUNTING PAD PATTERN IS SHOWN IN FIGURE "A".
 - B. MATING PINS TO BE .0176/.447 TO .0181/.459 DIA.
 - C. MATING PIN TIPS TO BE IN TRUE POSITION TO MATING GRID WITHIN .006/.15 DIA.
 - D. SUGGESTED MATING PIN LENGTH .130/3.30 ±.010/.25.
- ⑤ LEAD TIPS TO BE ABOVE HEEL, UP TO .010/.25 MAX.
COPLANARITY TO BE MEASURED AT LOWEST POINT (HEEL).
- ⑥ PART NUMBERS WITH 'LF' SUFFIX AT THE END ARE LEAD FREE.
- 7 THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- 8 THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family RIBCAGE			
ltr	ecn	no	dr	date	tolerances unless otherwise specified				INCH/MM scale 5:1 	title .050/1.27CC VERT. CARD CONNECTOR SMT. W/LOC. & SPEC, KEY FEATURES			
F					angles	linear	.XX±.01/.3 .xxx±.005/.13 0°±2' .xxx±.0020/.051	dwg no					
					dr	E.KROPIEWICKI	10/24/97	sheet 2 of 3 size					
					engr	D.WHITING	10/24/97	A3					
					chr	D.WHITING	10/24/97	type					
					appd	D.WHITING	10/24/97	Product Customer Drawing					
sheet index		revision sheet											

form: A3



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PRODUCT NUMBER	SIZE	DIM A	DIM B	DIM C	DIM D
74286-605	2 X 5	.266/6.756	.200/5.08	.370/9.398	.3200/8.128
↑ -610	2 X 10	.516/13.106	.450/11.43	.620/15.748	.5700/14.478
-615	2 X 15	.766/19.456	.700/17.78	.870/22.098	.8200/20.828
-620	2 X 20	1.016/25.806	.950/24.13	1.120/28.448	1.0700/27.178
-625	2 X 25	1.266/32.156	1.200/30.48	1.370/34.798	1.3200/33.528
-630	2 X 30	1.516/38.506	1.450/36.83	1.620/41.148	1.5700/39.878
-635	2 X 35	1.766/44.856	1.700/43.18	1.870/47.498	1.8200/46.228
-640	2 X 40	2.016/51.206	1.950/49.53	2.120/53.848	2.0700/52.578
↓ -645	2 X 45	2.266/57.556	2.200/55.88	2.370/60.198	2.3200/58.928
74286-650	2 X 50	2.516/63.906	2.450/62.23	2.620/66.548	2.5700/65.278
74286-605LF	2 X 5	.266/6.756	.200/5.08	.370/9.398	.3200/8.128
↑ -610LF	2 X 10	.516/13.106	.450/11.43	.620/15.748	.5700/14.478
-615LF	2 X 15	.766/19.456	.700/17.78	.870/22.098	.8200/20.828
-620LF	2 X 20	1.016/25.806	.950/24.13	1.120/28.448	1.0700/27.178
-625LF	2 X 25	1.266/32.156	1.200/30.48	1.370/34.798	1.3200/33.528
-630LF	2 X 30	1.516/38.506	1.450/36.83	1.620/41.148	1.5700/39.878
-635LF	2 X 35	1.766/44.856	1.700/43.18	1.870/47.498	1.8200/46.228
-640LF	2 X 40	2.016/51.206	1.950/49.53	2.120/53.848	2.0700/52.578
↓ -645LF	2 X 45	2.266/57.556	2.200/55.88	2.370/60.198	2.3200/58.928
74286-650LF	2 X 50	2.516/63.906	2.450/62.23	2.620/66.548	2.5700/65.278

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family RIBCAGE
ltr	ec	no	dr	date	tolerances unless otherwise specified	INCH/MM scale 5:1 	title .050/1.27CC VERT. CARD CONNECTOR SMT. W/LOC. & SPEC, KEY FEATURES
F					angles linear .XX±.01/.3		dwg no 74286
					0'±2' .xxx±.005/.13		sheet 3 of 3 size A3
					.xxxx±.0020/.051		type Product Customer Drawing
				dr	E.KROPIEWINICKI 10/24/97		
				enr	D.WHITING 10/24/97		
				chr	D.WHITING 10/24/97		
				appd	D.WHITING 10/24/97		
sheet index	revision sheet						