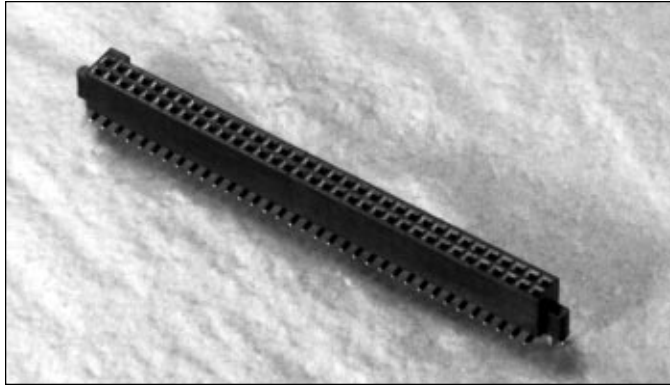


# .050" 970 Series Micro Mate Surface Mount Dual Row Receptacle



## 970 SERIES "MICRO MATE"

PART NUMBER LEGEND

**970-XX-XXSMXX-XX**

PLATING DESCRIPTION (SEE CHART)

CONTACT STYLE

- 01 = GULL WING SMT SOCKET
- 02 = HIGH RETENTION FORCE

TAIL MOUNTING STYLE

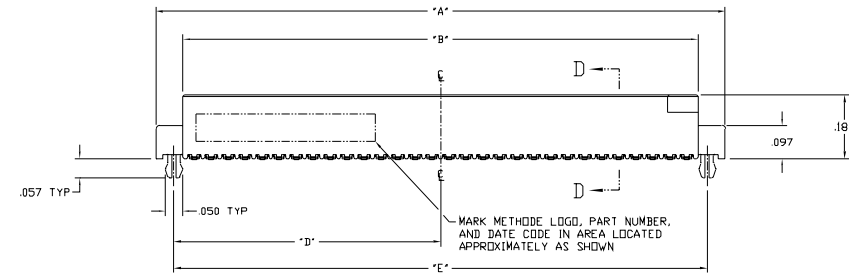
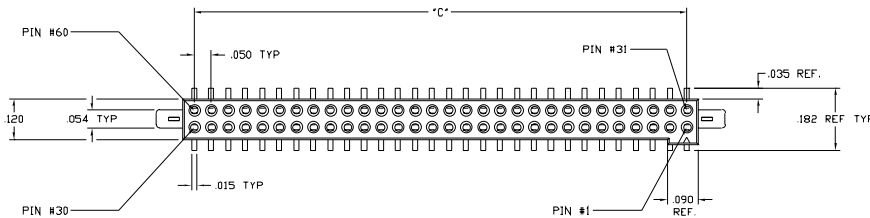
SM = SURFACE MOUNT

NUMBER OF CONTACTS (SEE TABLE)

MOUNTING EAR STYLE

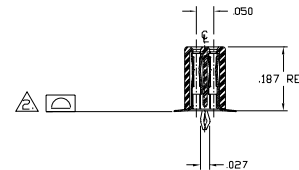
- 01 = STYLE NO. 1
- 02 = NO MOUNTING CLIPS

**MATING HEADERS: 980 SERIES**

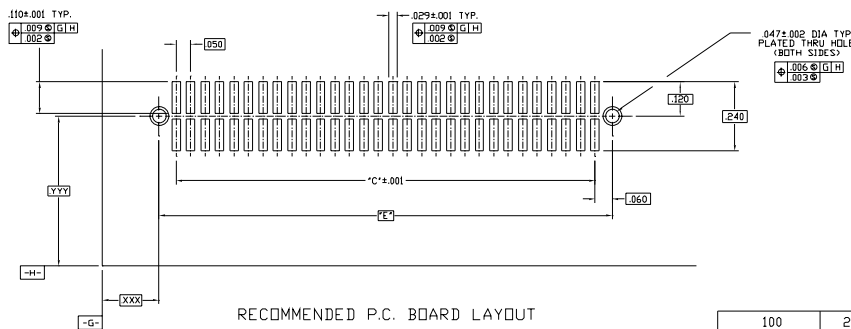


NOTES:

1. CONTACTS TO MAINTAIN 30 GRAM RETENTION FORCE WHEN MATED WITH .017 PIN (SM02 VERSION ONLY)
2. COPLANARITY TO BE DEFINED BY BOTH ROWS OF CONTACT. SEE TABLE FOR SPECIFICATION.
3. HOUSING MATERIAL: LCP
4. CONTACT MATERIAL: BERYLLIUM COPPER



SECTION D-D



RECOMMENDED P.C. BOARD LAYOUT

-25	50 MICRO INCH MIN GOLD IN CONTACT AREA OVER 50/75 MICRO INCH LOW STRESS NICKEL OVER ALL. 100 MICRO INCH MIN. 60/40 TIN/LEAD IN TAIL AREA.
-23	30 MICRO INCH MIN GOLD IN CONTACT AREA OVER 50/75 MICRO INCH LOW STRESS NICKEL OVER ALL. 100 MICRO INCH MIN. 60/40 TIN/LEAD IN TAIL AREA.
-90	GOLD FLASH OVER 40 MICRO INCH MIN. PdNi IN CONTACT AREA OVER 50/75 MICRO INCH LOW STRESS NICKEL OVER ALL. 100 MICRO INCH MIN. 60/40 TIN/LEAD IN TAIL AREA.
DASH NO.	PLATING DESCRIPTION

**ADDITIONAL SPECIFICATIONS**

NO. OF CONTACTS	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	
100	2.676	2.516	2.450	1.285	2.570	.010
90	2.426	2.266	2.200	1.160	2.320	.008
80	2.176	2.016	1.950	1.035	2.070	
70	1.926	1.766	1.700	.910	1.820	.006
60	1.676	1.516	1.450	.785	1.570	
50	1.426	1.266	1.200	.660	1.320	.004
40	1.176	1.016	.950	.535	1.070	
30	.926	.766	.700	.410	.820	.004
20	.676	.516	.450	.285	.570	
10	.426	.266	.200	.160	.320	
NO. OF CONTACTS	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	