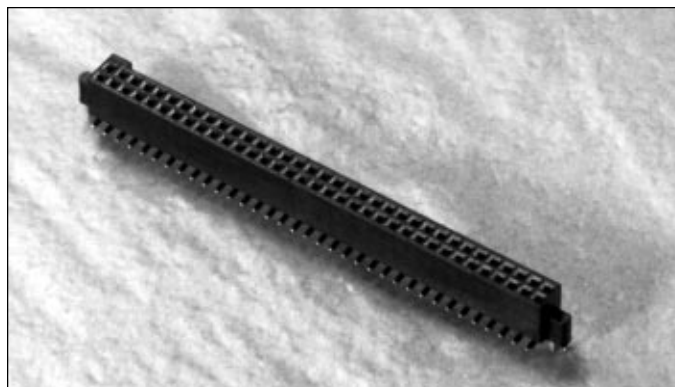




## PART NUMBER LEGEND

**970-XX-XXSMXX-XX**

- **PLATING DESCRIPTION** (SEE CHART)

## CONTACT STYLE

01 = GULL WING SMT SOCKET  
02 = HIGH RETENTION FORCE

### – TAIL MOUNTING STYLE

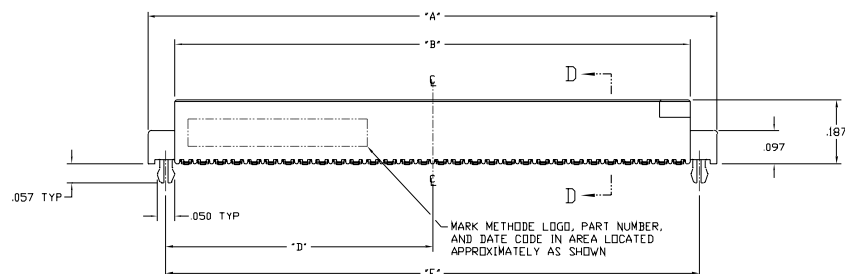
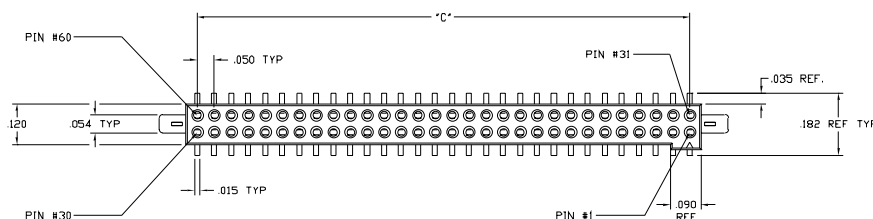
SM = SURFACE MOUNT

- NUMBER OF CONTACTS (SEE TABLE)

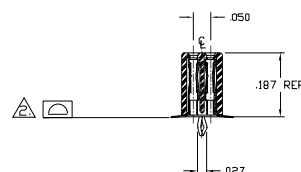
– MOUNTING EAR STYLE

01 = STYLE NO. 1  
02 = NO MOUNTING CLIPS

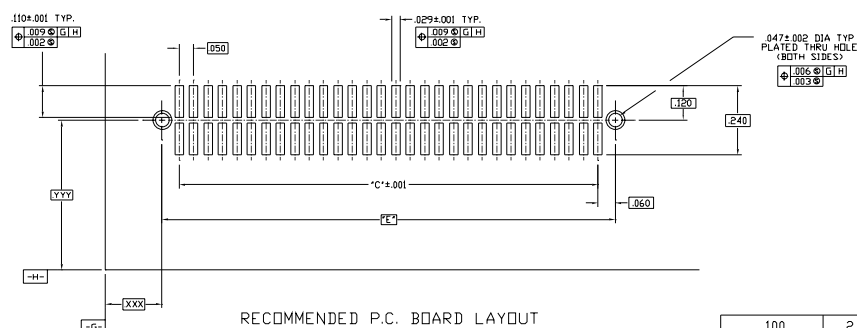
**MATING HEADERS: 980 SERIES**



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<br>OVER 50/75 MICRO INCH LOW STRESS NICKEL<br>OVER ALL 100 MICRO INCH MIN. 60/40<br>TIN/LEAD IN TAIL AREA.                  |
| -23      | 30 MICRO INCH MIN. GOLD IN CONTACT AREA<br>OVER 50/75 MICRO INCH LOW STRESS NICKEL<br>OVER ALL 100 MICRO INCH MIN. 60/40<br>TIN/LEAD IN TAIL AREA.                  |
| -190     | GOLD FLASH OVER 40 MICRO INCH MIN. POINT IN<br>CONTACT AREA OVER 50/75 MICRO INCH LOW<br>STRESS NICKEL OVER ALL 100 MICRO INCH MIN.<br>60/40 TIN/LEAD IN TAIL AREA. |
| DASH NO. | PLATING DESCRIPTION                                                                                                                                                 |

## ADDITIONAL SPECIFICATIONS

|                |          |          |          |          |          |                                                                                       |
|----------------|----------|----------|----------|----------|----------|---------------------------------------------------------------------------------------|
| 100            | 2.676    | 2.516    | 2.450    | 1.285    | 2.570    | .010                                                                                  |
| 90             | 2.426    | 2.266    | 2.200    | 1.160    | 2.320    |                                                                                       |
| 80             | 2.176    | 2.016    | 1.950    | 1.035    | 2.070    | .008                                                                                  |
| 70             | 1.926    | 1.766    | 1.700    | .910     | 1.820    |                                                                                       |
| 60             | 1.676    | 1.516    | 1.450    | .785     | 1.570    | .006                                                                                  |
| 50             | 1.426    | 1.266    | 1.200    | .660     | 1.320    |                                                                                       |
| 40             | 1.176    | 1.016    | .950     | .535     | 1.070    | .004                                                                                  |
| 30             | .926     | .766     | .700     | .410     | .820     |                                                                                       |
| 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" |  |



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