

4

3

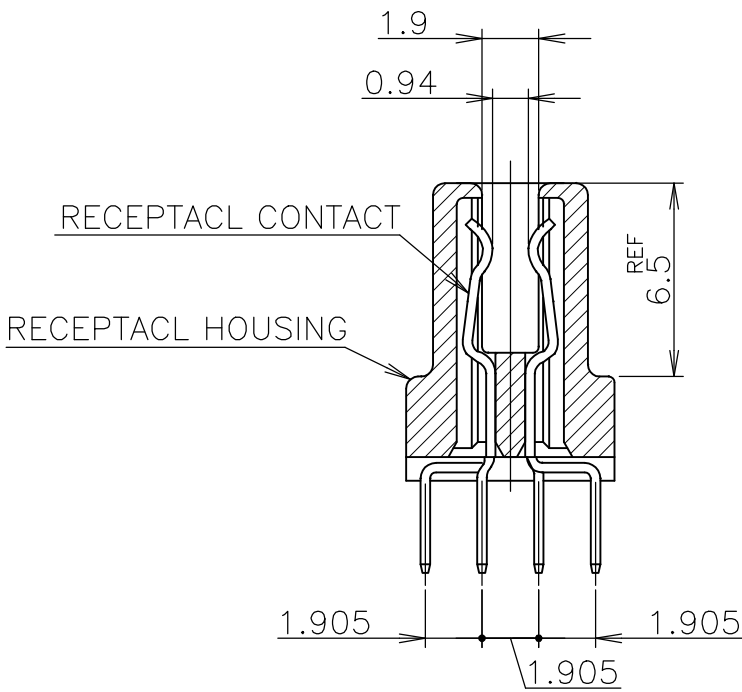
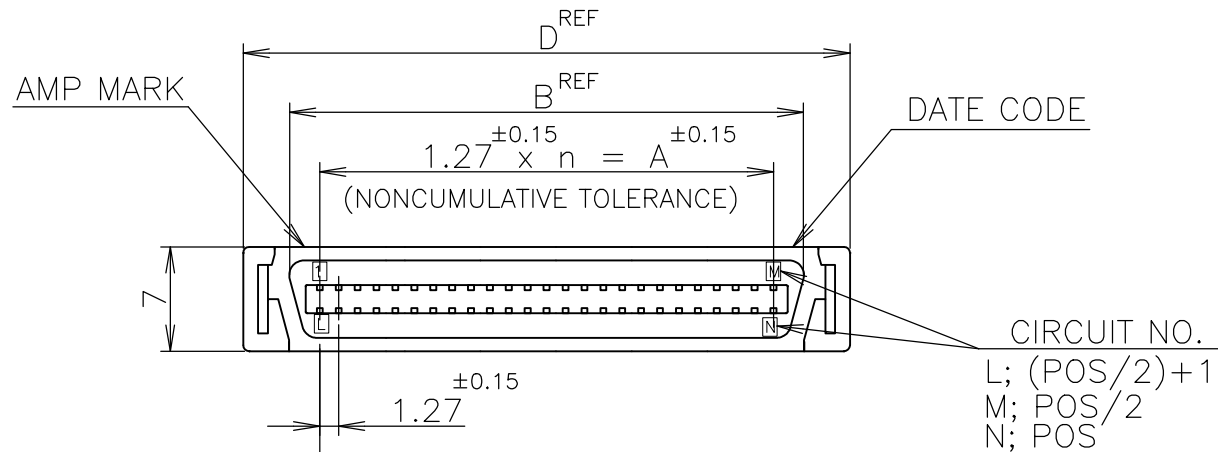
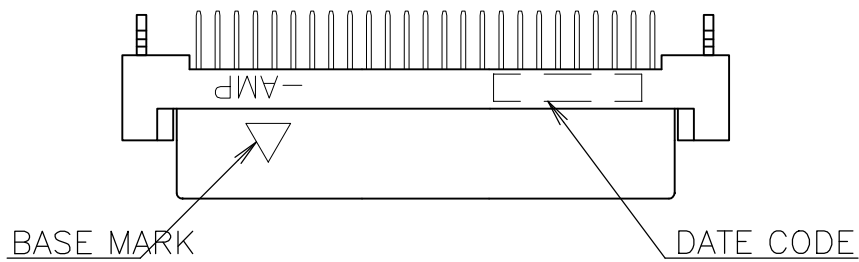
2

1

| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | C   | REVISED PER ECO-17-008763 | 22JAN2018 | RG  | SH   |

D

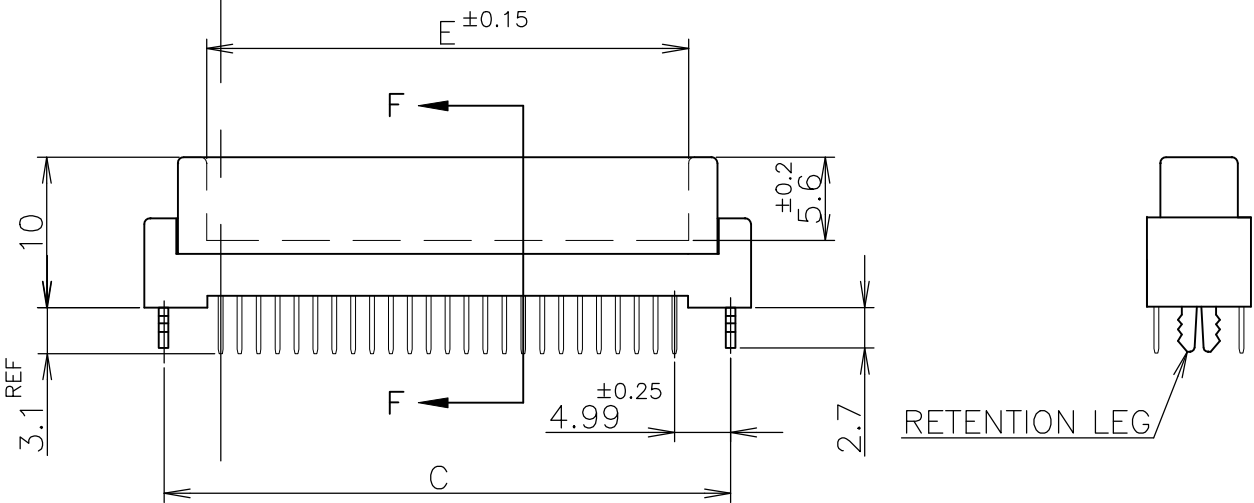
D



- 1 NUMBER "n" IS COUNTED FROM [DATUM]  
(CIRCUIT NO.1 IS "AMP" MARK SIDE.)  
2 MATERIAL: HOUSING, 66 NYLON (GF) UL 94V-0, BLACK.  
: CONTACT, PHOSPHOR BRONZE.  
: RETENTION LEG; BRASS.  
3 FINISH: CONTACT; Au AT CONTACT AREA (SEE TABLE),  
TIN AT TINE, OVER Ni.  
RETENTION LEG; TIN UNDER Ni.  
4 P.C. BOARD THK MUST BE 1.6 ±0.15 FOR CARD EDGE CONNECTOR

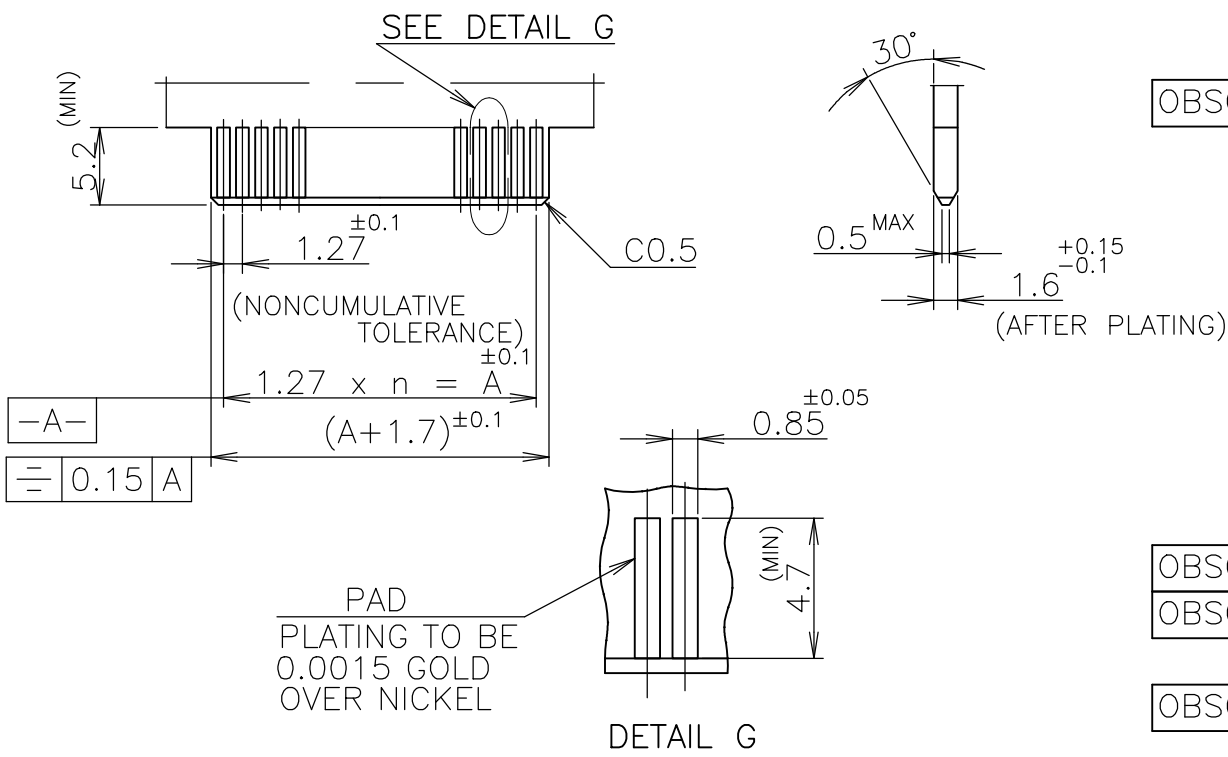
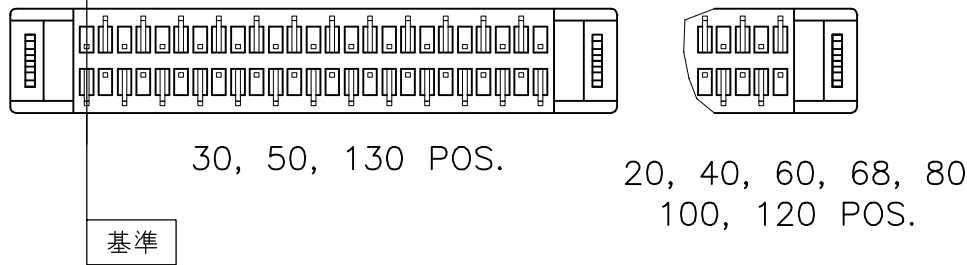
C

C



B

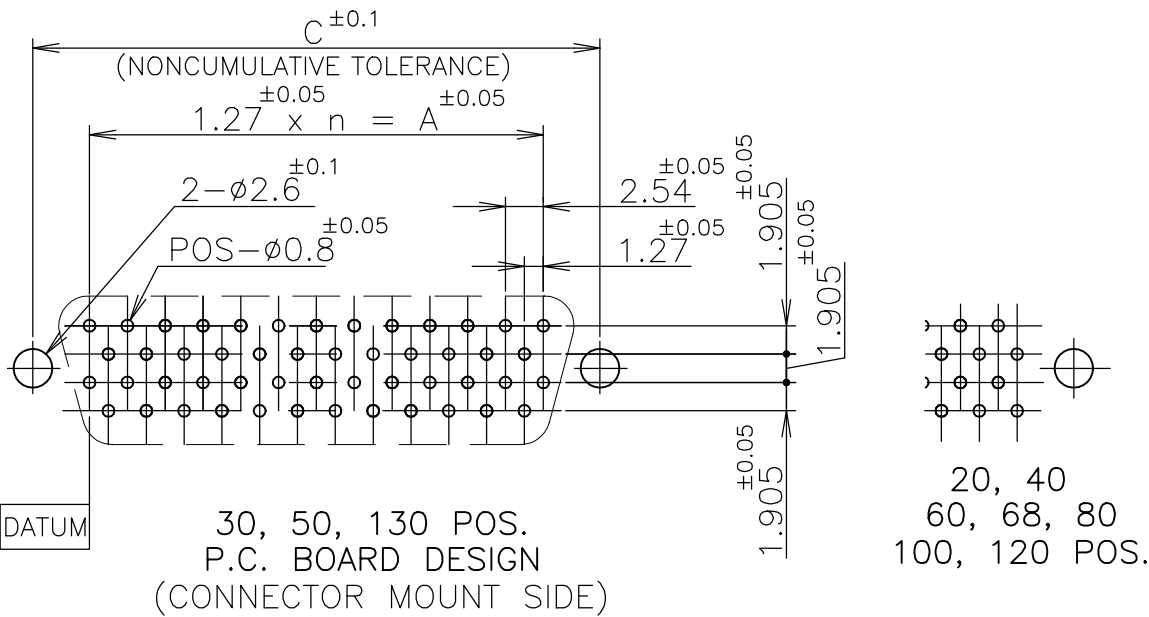
B



RECOMMENDED P.C. BOARD DIMMENSIONS.

A

A



LEAD FREE

GENERAL TOLERANCE  
10 ≥ : ±0.2  
30 ≥ > 10: ±0.25  
100 ≥ > 30: ±0.3  
ANGLES: ±3°

|          |          |           |        |          |      |       |       |       |       |       |       |       |
|----------|----------|-----------|--------|----------|------|-------|-------|-------|-------|-------|-------|-------|
| OBSOLETE | 6—       | —2        |        |          | 130  | 64    | 81.28 | 86.82 | 91.25 | 93.90 | 83.18 |       |
|          | 6—       | —1        |        |          | 120  | 59    | 74.93 | 80.47 | 84.90 | 87.55 | 76.83 |       |
| OBSOLETE | 6—       | —0        |        |          | 100  | 49    | 62.23 | 67.77 | 72.20 | 74.85 | 64.13 |       |
| OBSOLETE | 5—       | —9        |        |          | 80   | 39    | 49.53 | 55.07 | 59.50 | 62.15 | 51.43 |       |
|          | 5—       | —8        |        |          | 68   | 33    | 41.91 | 47.45 | 51.88 | 54.53 | 43.81 |       |
|          | 5—       | —7        |        |          | 60   | 29    | 36.83 | 42.37 | 46.80 | 49.45 | 38.73 |       |
|          | 5—       | —6        |        |          | 50   | 24    | 30.48 | 36.02 | 40.45 | 43.10 | 32.38 |       |
|          | 5—       | —5        |        |          | 40   | 19    | 24.13 | 29.67 | 34.10 | 36.75 | 26.03 |       |
|          | 5—       | —3        |        |          | 30   | 14    | 17.78 | 23.32 | 27.75 | 30.40 | 19.68 |       |
|          | 5—       | —1        |        | 0.00076  | 20   | 9     | 11.43 | 16.97 | 21.40 | 24.05 | 13.33 |       |
|          | OBSOLETE | 4—        | —2     |          |      | 130   | 64    | 81.28 | 86.82 | 91.25 | 93.90 | 83.18 |
|          |          | 4—        | —1     |          |      | 120   | 59    | 74.93 | 80.47 | 84.90 | 87.55 | 76.83 |
| 4—       |          | —0        |        |          | 100  | 49    | 62.23 | 67.77 | 72.20 | 74.85 | 64.13 |       |
| 3—       |          | —9        |        |          | 80   | 39    | 49.53 | 55.07 | 59.50 | 62.15 | 51.43 |       |
| 3—       |          | —8        |        |          | 68   | 33    | 41.91 | 47.45 | 51.88 | 54.53 | 43.81 |       |
| 3—       |          | —7        |        |          | 60   | 29    | 36.83 | 42.37 | 46.80 | 49.45 | 38.73 |       |
| 3—       |          | —6        |        |          | 50   | 24    | 30.48 | 36.02 | 40.45 | 43.10 | 32.38 |       |
| 3—       |          | —5        |        |          | 40   | 19    | 24.13 | 29.67 | 34.10 | 36.75 | 26.03 |       |
| 3—       |          | —3        |        |          | 30   | 14    | 17.78 | 23.32 | 27.75 | 30.40 | 19.68 |       |
| 3—       | —1       |           | 0.0005 | 20       | 9    | 11.43 | 16.97 | 21.40 | 24.05 | 13.33 |       |       |
| OBSOLETE | 1—       | —2        |        |          | 130  | 64    | 81.28 | 86.82 | 91.25 | 93.90 | 83.18 |       |
| OBSOLETE | 1—       | —1        |        |          | 120  | 59    | 74.93 | 80.47 | 84.90 | 87.55 | 76.83 |       |
|          | 1—       | —0        |        |          | 100  | 49    | 62.23 | 67.77 | 72.20 | 74.85 | 64.13 |       |
| OBSOLETE |          | —9        |        |          | 80   | 39    | 49.53 | 55.07 | 59.50 | 62.15 | 51.43 |       |
|          |          | —8        |        |          | 68   | 33    | 41.91 | 47.45 | 51.88 | 54.53 | 43.81 |       |
|          |          | —7        |        |          | 60   | 29    | 36.83 | 42.37 | 46.80 | 49.45 | 38.73 |       |
|          |          | —6        |        |          | 50   | 24    | 30.48 | 36.02 | 40.45 | 43.10 | 32.38 |       |
|          |          | —5        |        |          | 40   | 19    | 24.13 | 29.67 | 34.10 | 36.75 | 26.03 |       |
|          |          | —3        |        |          | 30   | 14    | 17.78 | 23.32 | 27.75 | 30.40 | 19.68 |       |
|          |          | 5175475—1 |        | 0.0002   | 20   | 9     | 11.43 | 16.97 | 21.40 | 24.05 | 13.33 |       |
|          |          | PART NO.  |        | Au PLATE | POS. | n     | A     | B     | C     | D     | E     |       |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
0 PLC ±  
1 PLC ±  
2 PLC ±  
3 PLC ±  
4 PLC ±  
ANGLES ±

MATERIAL

FINISH

DWN  
Julyee Zhu  
20AUG2004

CHK  
Steven Yao  
20AUG2004

APVD  
Ikuo Enomoto  
20AUG2004

PRODUCT SPEC  
108-60038

APPLICATION SPEC

WEIGHT  
0.000000

CUSTOMER DRAWING

TE Connectivity Ltd.

AMP CHAMP .050 CONNECTOR(B-T-B)  
RECEPTACLE CONNECTOR  
VERTICAL WITH RETENTION LEG

SIZE  
A2

CAGE CODE  
00779

DRAWING NO.  
5175475

RESTRICTED TO

SCALE  
NTS

SHEET  
1 of 1

REV  
C

# Mouser Electronics

Authorized Distributor

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