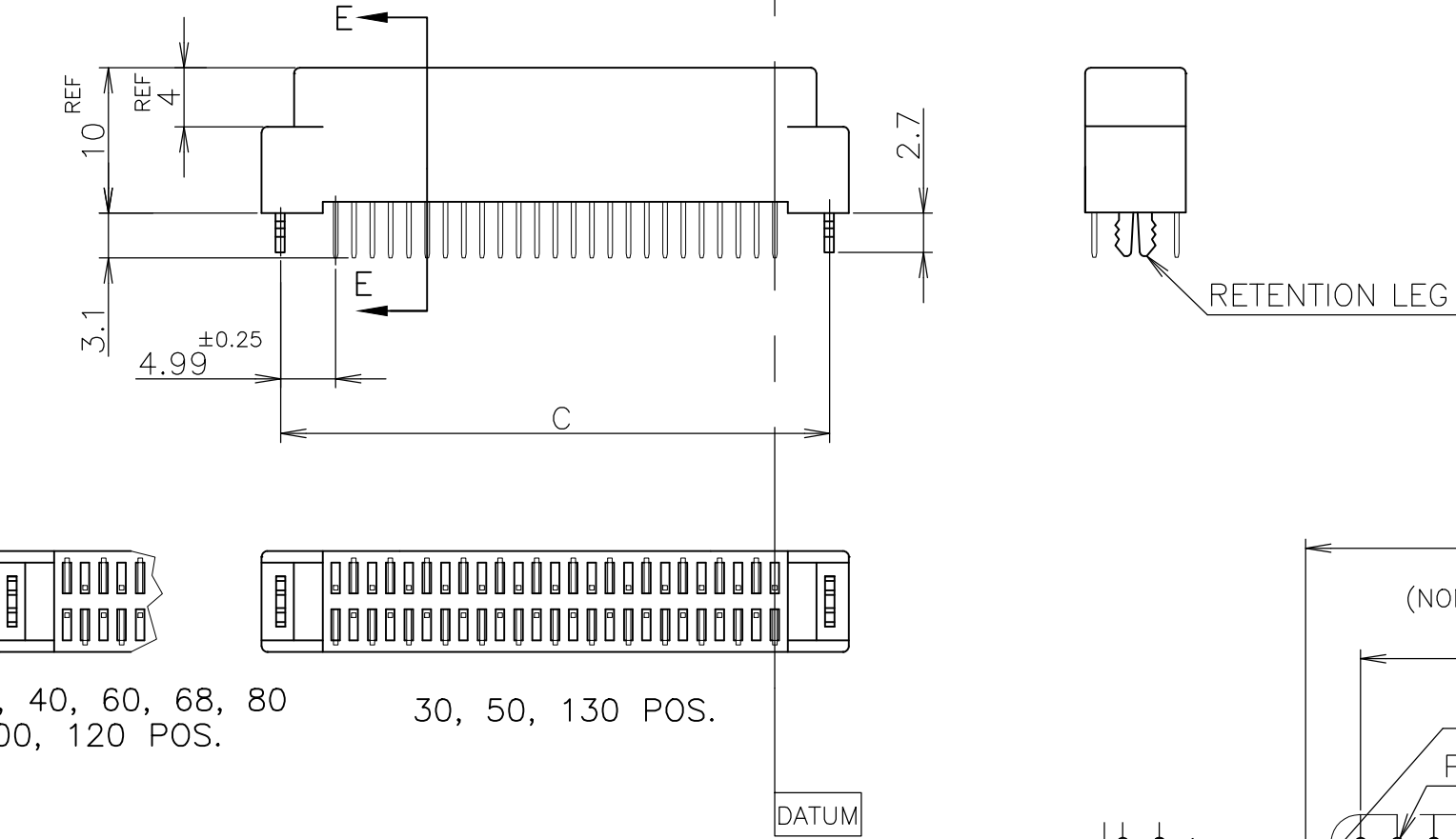
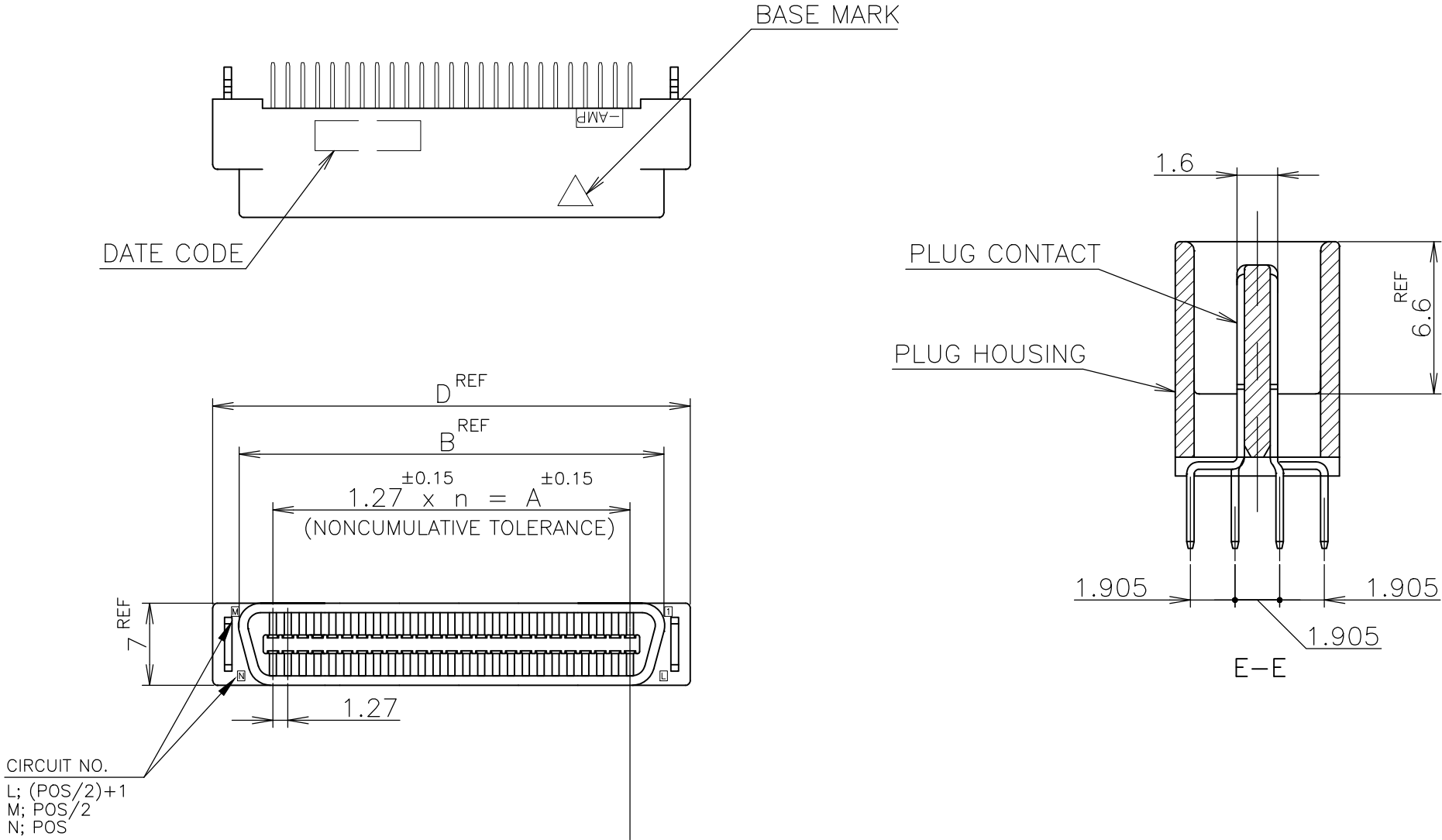


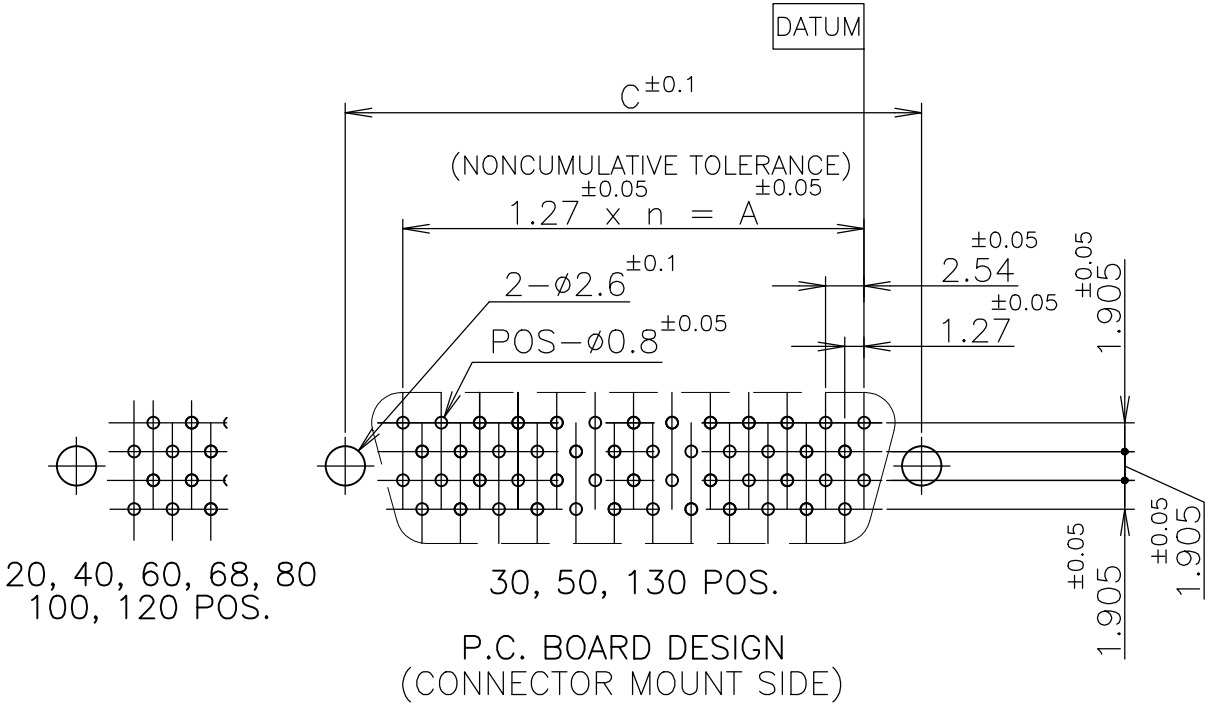
| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | C   | REVISED PER ECO-17-008763 | 22JAN2018 | RG  | SH   |

- 1 NUMBER "n" S 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.



20, 40, 60, 68, 80  
100, 120 POS.

30, 50, 130 POS.



20, 40, 60, 68, 80  
100, 120 POS.

30, 50, 130 POS.

LEAD FREE

|          |           |    |          |      |    |       |       |       |       |
|----------|-----------|----|----------|------|----|-------|-------|-------|-------|
|          | 6-        | -2 |          | 130  | 64 | 81.28 | 89.62 | 91.25 | 93.90 |
|          | 6-        | -1 |          | 120  | 59 | 74.93 | 83.27 | 84.90 | 87.55 |
|          | 6-        | -0 |          | 100  | 49 | 62.23 | 70.57 | 72.20 | 74.85 |
|          | 5-        | -9 |          | 80   | 39 | 49.53 | 57.87 | 59.50 | 62.15 |
|          | 5-        | -8 |          | 68   | 33 | 41.91 | 50.25 | 51.88 | 54.53 |
|          | 5-        | -7 |          | 60   | 29 | 36.83 | 45.17 | 46.80 | 49.45 |
|          | 5-        | -6 |          | 50   | 24 | 30.48 | 38.82 | 40.45 | 43.10 |
|          | 5-        | -5 |          | 40   | 19 | 24.13 | 32.47 | 34.10 | 36.75 |
| OBSOLETE | 5-        | -3 |          | 30   | 14 | 17.78 | 26.12 | 27.75 | 30.40 |
|          | 5-        | -1 | 0.00076  | 20   | 9  | 11.43 | 19.77 | 21.40 | 24.05 |
| OBSOLETE | 4-        | -2 |          | 130  | 64 | 81.28 | 89.62 | 91.25 | 93.90 |
| OBSOLETE | 4-        | -1 |          | 120  | 59 | 74.93 | 83.27 | 84.90 | 87.55 |
|          | 4-        | -0 |          | 100  | 49 | 62.23 | 70.57 | 72.20 | 74.85 |
|          | 3-        | -9 |          | 80   | 39 | 49.53 | 57.87 | 59.50 | 62.15 |
|          | 3-        | -8 |          | 68   | 33 | 41.91 | 50.25 | 51.88 | 54.53 |
|          | 3-        | -7 |          | 60   | 29 | 36.83 | 45.17 | 46.80 | 49.45 |
| OBSOLETE | 3-        | -6 |          | 50   | 24 | 30.48 | 38.82 | 40.45 | 43.10 |
|          | 3-        | -5 |          | 40   | 19 | 24.13 | 32.47 | 34.10 | 36.75 |
|          | 3-        | -3 |          | 30   | 14 | 17.78 | 26.12 | 27.75 | 30.40 |
|          | 3-        | -1 | 0.0005   | 20   | 9  | 11.43 | 19.77 | 21.40 | 24.05 |
| OBSOLETE | 1-        | -2 |          | 130  | 64 | 81.28 | 89.62 | 91.25 | 93.90 |
|          | 1-        | -1 |          | 120  | 59 | 74.93 | 83.27 | 84.90 | 87.55 |
|          | 1-        | -0 |          | 100  | 49 | 62.23 | 70.57 | 72.20 | 74.85 |
| OBSOLETE |           | -9 |          | 80   | 39 | 49.53 | 57.87 | 59.50 | 62.15 |
|          |           | -8 |          | 68   | 33 | 41.91 | 50.25 | 51.88 | 54.53 |
|          |           | -7 |          | 60   | 29 | 36.83 | 45.17 | 46.80 | 49.45 |
|          |           | -6 |          | 50   | 24 | 30.48 | 38.82 | 40.45 | 43.10 |
|          |           | -5 |          | 40   | 19 | 24.13 | 32.47 | 34.10 | 36.75 |
|          |           | -3 |          | 30   | 14 | 17.78 | 26.12 | 27.75 | 30.40 |
|          | 5175473-1 |    | 0.0002   | 20   | 9  | 11.43 | 19.77 | 21.40 | 24.05 |
|          | PART NO.  |    | Au PLATE | POS. | n  | A     | B     | C     | D     |

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  
19AUG2004

CHK  
Steven Yao  
19AUG2004

APVD  
Ikuo Enomoto  
19AUG2004

PRODUCT SPEC  
108-60038

APPLICATION SPEC

WEIGHT  
0.000000

CUSTOMER DRAWING

TE Connectivity Ltd.

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

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C=5175473

RESTRICTED TO

SCALE  
NTS

SHEET  
1 of 1

REV  
C

# Mouser Electronics

Authorized Distributor

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[3-5175473-1](#)