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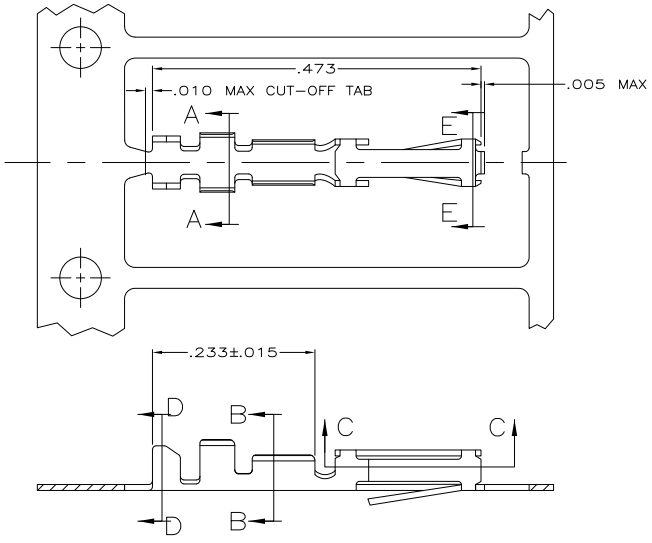
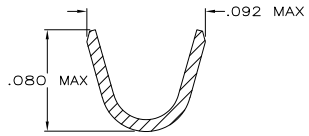
| LOC | DIST |
|---|---|
| GP | 00 |

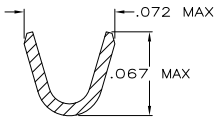
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | Y | REVISED PER ECO-09-001588 | 12JUN2009 | CJV | CWR |
| | Y1 | REVISED PER ECO-09-021826 | 6JAN10 | KK | AEG |



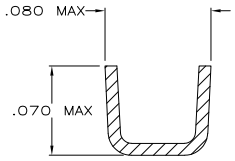




SECTION A–A
SCALE 20:1

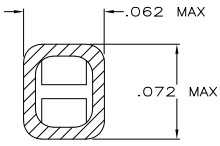



SECTION B–B
SCALE 20:1

SECTION C–C




SECTION D–D
SCALE 20:1




SECTION E–E
SCALE 20:1

1. REELED FOR USE WITH STANDARD APPLICATOR.
2. REELED FOR USE WITH MINIATURE APPLICATOR.
3. FINISH: GOLD FLASH ALL OVER, .000015 MIN THK GOLD ON LOCALIZED CONTACT PLATING AREA OVER .000050 MIN THK NICKEL ON ENTIRE CONTACT,
   –OR–
   .000050 MIN THK NICKEL UNDERPLATE ON ENTIRE CONTACT, GOLD FLASH OVER PALLADIUM–NICKEL, .000015 MIN TOTAL THK ON LOCALIZED CONTACT PLATING AREA AND GOLD FLASH OVER REMAINDER OF CONTACT.
4. FINISH: GOLD FLASH ALL OVER, .000030 MIN THK GOLD ON LOCALIZED CONTACT PLATING AREA OVER .000050 MIN THK NICKEL ON ENTIRE CONTACT,
   –OR–
   .000050 MIN THK NICKEL UNDERPLATE ON ENTIRE CONTACT, GOLD FLASH OVER PALLADIUM–NICKEL, .000030 MIN TOTAL THK ON LOCALIZED CONTACT PLATING AREA AND GOLD FLASH OVER REMAINDER OF CONTACT.
5. FINISH: GOLD FLASH ALL OVER, .000050 MIN THK GOLD ON LOCALIZED CONTACT PLATING AREA OVER .000050 MIN THK NICKEL ON ENTIRE CONTACT,
   –OR–
   .000050 MIN THK NICKEL UNDERPLATE ON ENTIRE CONTACT, GOLD FLASH OVER PALLADIUM–NICKEL, .000050 MIN TOTAL THK ON LOCALIZED CONTACT PLATING AREA AND GOLD FLASH OVER REMAINDER OF CONTACT.
6. FINISH: .000100 MIN THK BRIGHT TIN–LEAD OVER .000050 MIN THK NICKEL ON ENTIRE CONTACT.
7. FINISH: .000030 MIN THK GOLD ON ALL EXTERIOR SURFACES, INSIDE OF RCPT. BOX (EXCLUDING PREPLATED CONTACT AREAS) MAY HAVE .000003 MIN THK GOLD, ALL OVER .000050 MIN THK GOLD ON LOCALIZED CONTACT PLATING AREA OVER .000050 MIN THK NICKEL ON ENTIRE CONTACT.
8. FINISH: .000050 MIN THK GOLD ON ALL EXTERIOR SURFACES, INSIDE OF RCPT. BOX (EXCLUDING PREPLATED CONTACT AREAS) MAY HAVE .000003 MIN THK GOLD, ALL OVER .000050 MIN THK GOLD ON LOCALIZED CONTACT PLATING AREA OVER .000050 MIN THK NICKEL ON ENTIRE CONTACT.
9. FOR 22–26 AWG WIRE WITH AN INSULATION RANGE OF .040–.056 DIA.
10. OBSOLETE PART NUMBER
11. FINISH: .000100 MIN THK TIN OVER .000050 MIN THK NICKEL ON ENTIRE CONTACT.
12. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

12 SUPERCEDED BY 86566-4

| | FINISH | LOOSE PIECE PART NO | PART NO |
|---|---|---|---|
| 11 | | 1-86571-1 | 2 2-86566-0 |
| 7 | | | 10 1 1-86566-9 |
| 8 | | | 10 1 1-86566-7 |
| 8 | | 1-86571-0 | 2 1-86566-6 |
| 6 | | | 10 1 1-86566-3 |
| 5 | | | 10 1 1-86566-2 |
| 4 | | | 1 ~~1-86566-1~~ |
| 3 | | | 10 1 1-86566-0 |
| 6 | | 86571-8 | 2 86566-8 |
| 5 | | 86571-6 | 2 86566-6 |
| 4 | | 86571-4 | 2 86566-4 |
| 3 | | 86571-2 | 2 86566-2 |

86566

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± .005
4 PLC ± –
ANGLES ± –

MATERIAL: PHOS. BRONZE
FINISH: SEE TABLE

DWN B. MOYER 6-8-89
CHK D.L. ROCKER 6-8-89
APVD G.D. MILLER 6-14-89
PRODUCT SPEC 108-9024
APPLICATION SPEC 114-16003
WEIGHT –

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME: CONTACT, RCPT., ROUND WIRE, .100 CENTERLINE, FFC

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A2 | 00779 | C-86566 | – |

CUSTOMER DRAWING | SCALE 10:1 | SHEET 1 OF 1 | REV Y1

1471-9 (1/08)

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