MODULAR PLUG

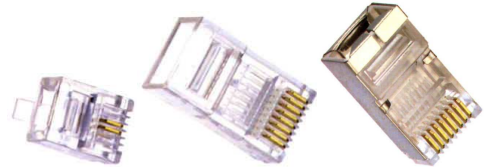## *EMP SERIES*

FEATURES

- Available for round and flat-oval cable.
- Plug are available for solid wire 24-26 AWG.
- Available for non-shielded and shielded configurations to avoid EMI/RFI
- Deliver speeds up to 100 MHz.

PART NUMBERING SYSTEM

```
EMP 8 8 1 E R 2 0 1 0 0 XX
 |  | | | | | | | | | | |
 |  | | | | | | | | | | +---- Special Number:
 |  | | | | | | | | | +---- Wire Diameter:
 |  | | | | | | | | |         0:Standard 1.0mm,
 |  | | | | | | | | |         1:0.9mm, 2:0.8mm, 3:0.7mm
 |  | | | | | | | | +---- Type:
 |  | | | | | | | |         0:Standard, 1:Insert Type
 |  | | | | | | | +---- Appearance:
 |  | | | | | | |         0:Standard, 1:Shielded
 |  | | | | | | +---- Dimensions:
 |  | | | | | |         0:Standard, S:Short Body, L:Long Body
 |  | | | | | +---- Material:
 |  | | | | |         0:94-V0, 2:94-V2
 |  | | | | +---- Cable Application:
 |  | | | |         R:For Round Cable Type
 |  | | | |         F:For Flat-Oval Cable Type
 |  | | | +---- Selective Gold Plating Thickness:
 |  | | |         A:3µ" B:6µ" C:15µ" D:30µ" E:50µ"
 |  | | +---- Contact Blade Specifications:
 |  | |         1:For stranded wire
 |  | |         2:2 prongs contacts
 |  | |         3:3 prongs contacts
 |  | +---- Number of Contacts: 2,3,4,5,6,7,8,9,A:10
 |  +---- Number of Positions: 4,6,8,A:10
 +---- Series Name: EMP
```

SPECIFICATIONS

🔴**Electric test**
   A. 150 VAC Max., at 1.5 Amps.
   B. Dielectric with standing 500 VAC.
   C. Insulation Resistance: 500 MΩ.
   D. Termination Resistance: 35 mΩ.

🔴**Mechanical:**
   A. Cable-to-plug tensile
      strength-20LBs(89N) Min..
   B. Durability: 500 mating cycles.

🔴**Material and Finished:**
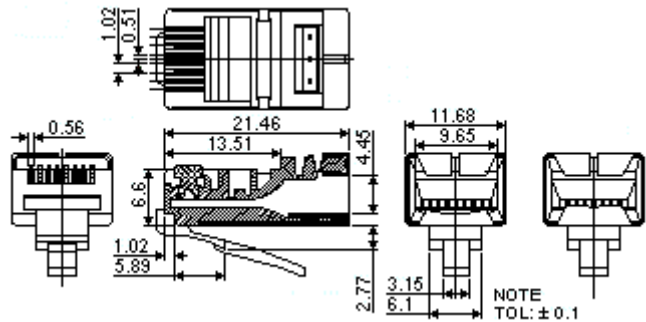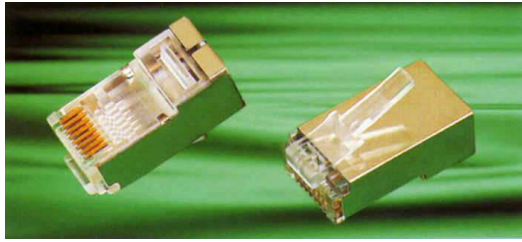   Housing: Polycarbonate, UL94-V0
                          UL94-V2
   Contact: Phosphor bronze, selective gold
            plated in contact area over
            100µ" nickel plated.
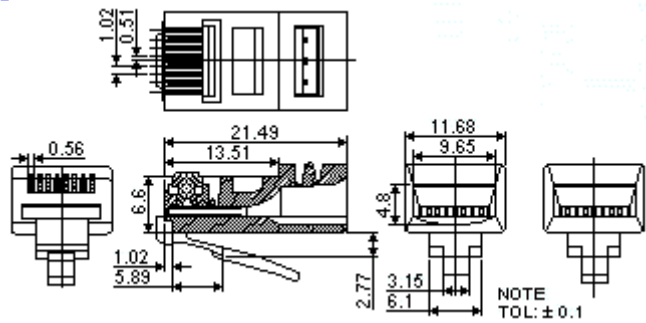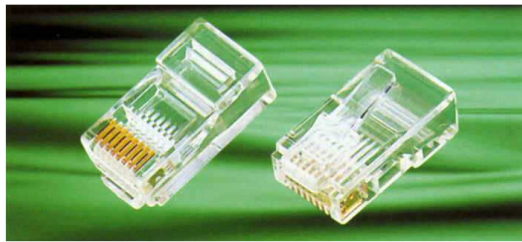   Shield: Nickel plated, brass.

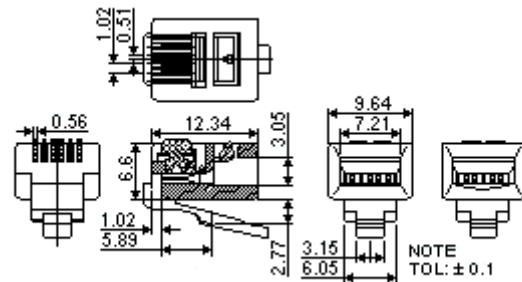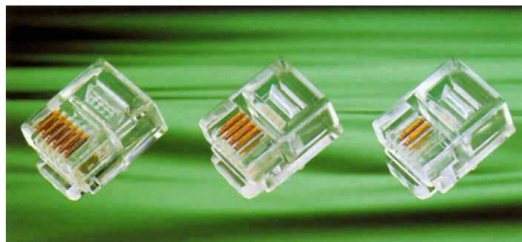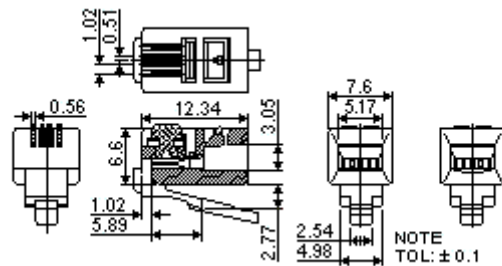🔴**Operating Temperature:**
   -40℃ ~ +125℃

DIMENSIONS

● *EMP 8 POSITION SHIELDED*

● *EMP 8 POSITION [8P8C,8P6C,8P4C] . . . . . .*

● *EMP 6 POSITION [6P6C,6P4C,6P2C] . . . . . .*

● *EMP 4 POSITION [4P4C,4P2C] . . . .*

CONTACT BLADE

FOR STRANDED WIRE
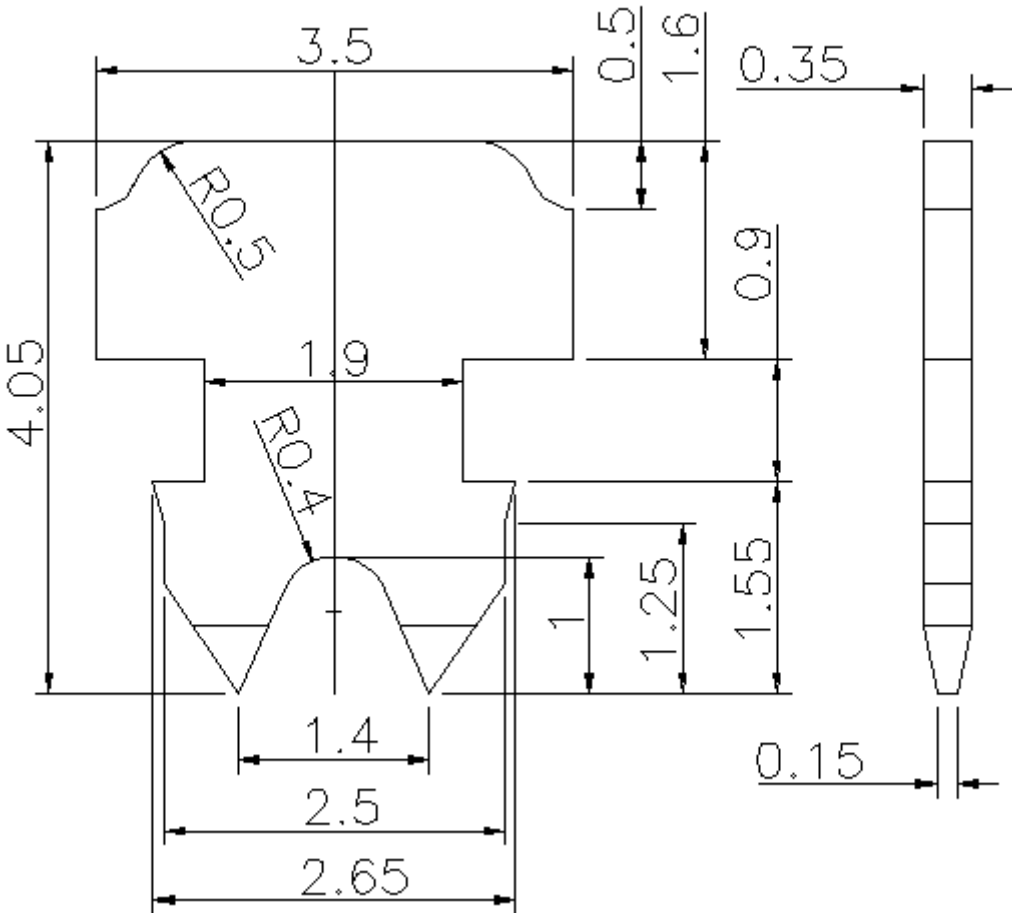
FOR SOLID WIRE – 2 PRONGS CONTACTS

3.5

0.35

1.6

0.5

R0.5

1.84

R0.45

4.1

1.05

0.6

1.3

2.46

2.68

0.55

0.85

0.1

0.5
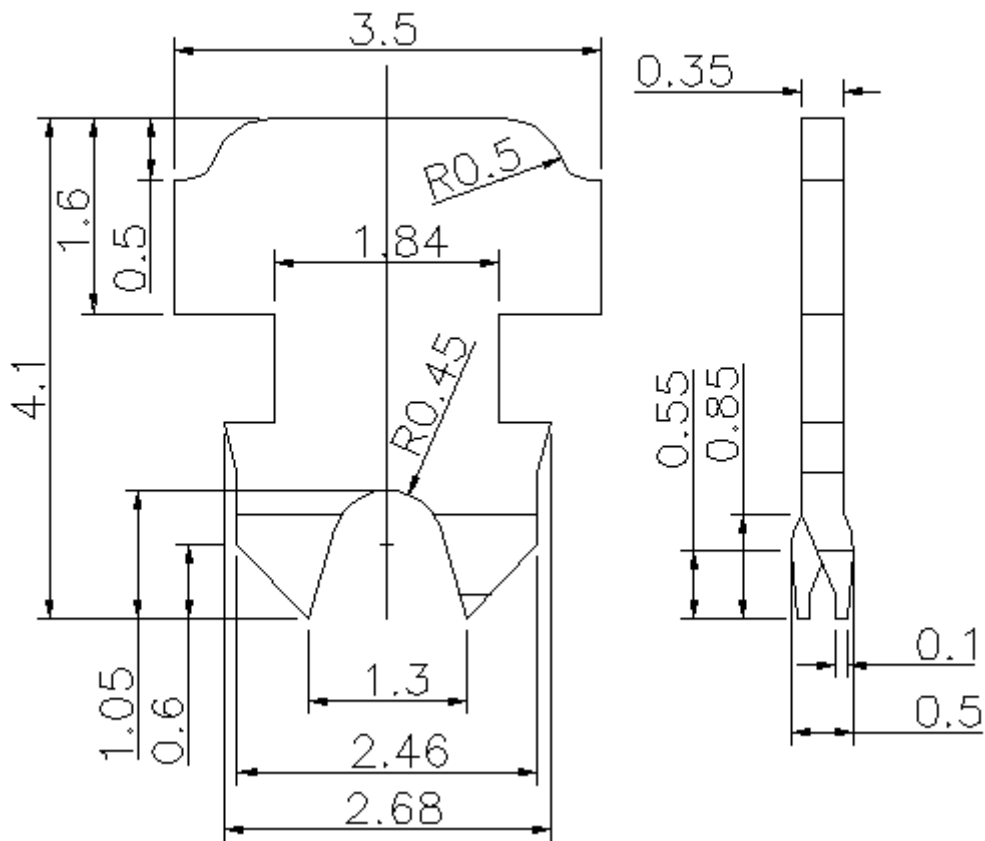
FOR SOLID WIRE – 3 PRONGS CONTACTS

14

0.35

0.5

1.6

R0.5

4.05

0.75

0.35

1.5

2.2

0.8

0.7

0.1

0.55
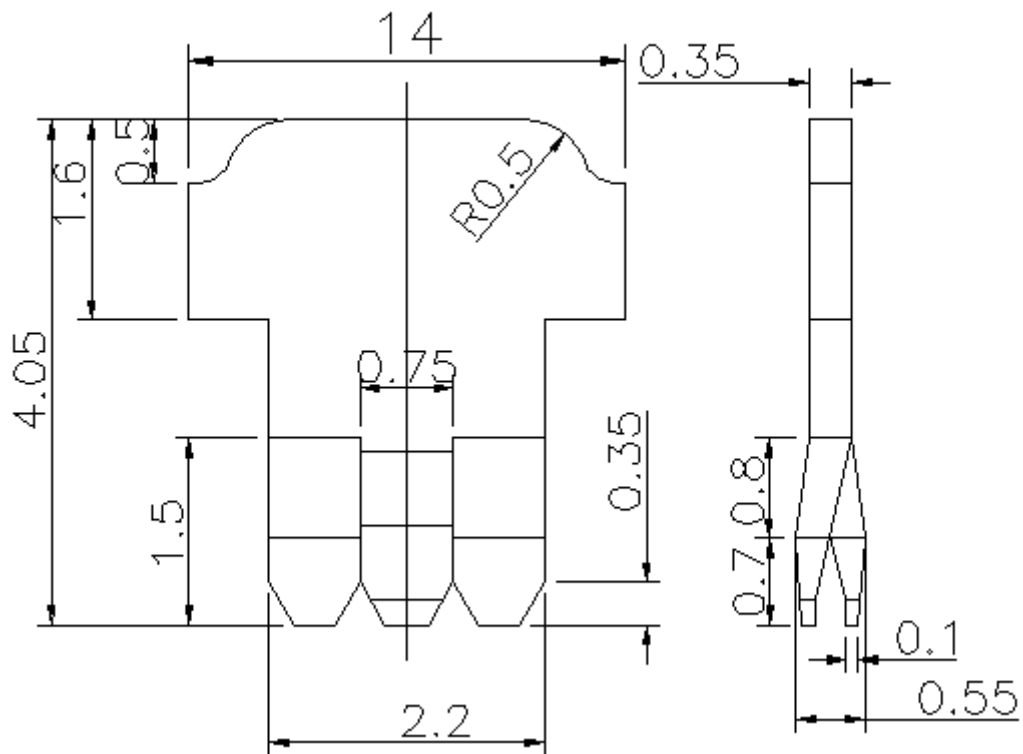
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