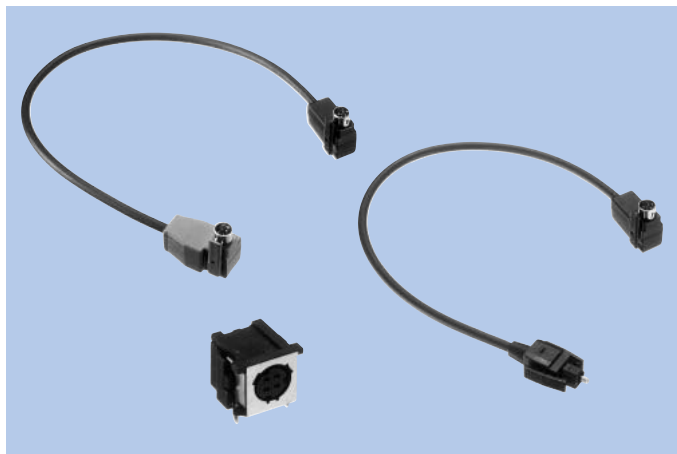


# Optical Digital Connectors

## MA-909, CSK-M94

### FEATURES

1. A small L-type plug having a built-in Optical/Electric converter (E/O type, O/E type).
2. An adjustable device (A device for adjusting fiber length is provided.) is provided.
3. Electrical plug fitting to socket (CSK-M94) ensures excellent vibration resistance with easy handling.
4. A lock device ensures excellent vibration resistance.



### HOW TO ORDER

#### 1. MA-909 Series

**MA-909-**     -

1                      2                      3

- 1 Series No. (909)
- 2 Running No. assigned by us
- 3 Supplementary No.

#### 2. CSK-M94

**M94-**     -

1                      2                      3

- 1 Series No. (M94)
- 2 Running No. assigned by us
- 3 Supplementary No.

### SPECIFICATIONS

#### ELECTRICAL CHARACTERISTICS

|                        |                  |
|------------------------|------------------|
| Transmission Speed     | DC~6Mb/s (NRZ)   |
| Output Interface       | TTL direct-drive |
| Input Interface        | LED direct-drive |
| Pulse Width Distortion | ±30ns            |
| Jitter Quantity        | 15ns max.        |

#### MECHANICAL CHARACTERISTICS

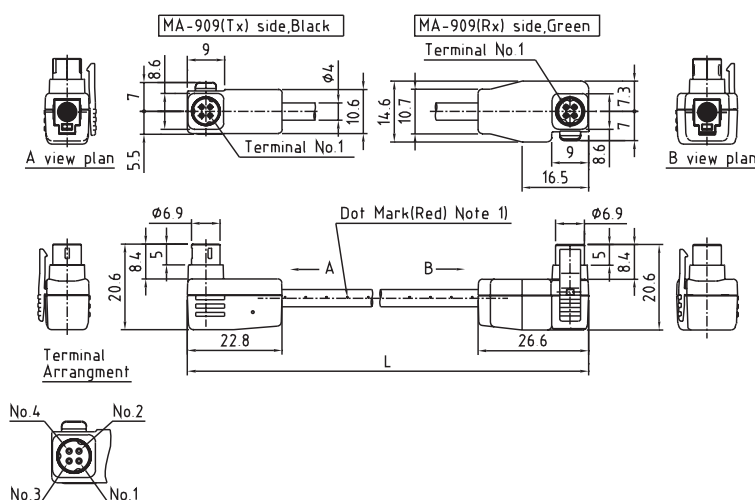
|                              |      |
|------------------------------|------|
| Min. Bending Radius of Fiber | 30mm |
|------------------------------|------|

## MATERIAL & FINISH

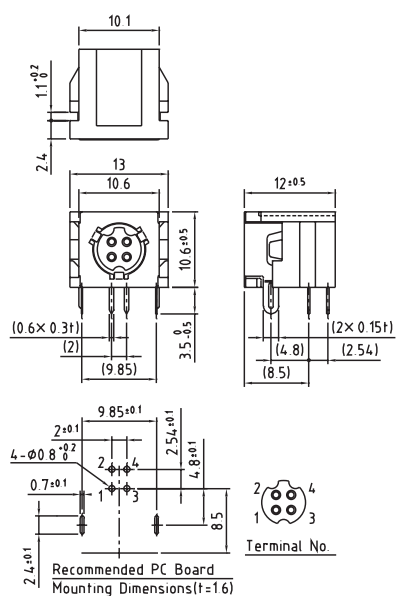
| Component Parts |                     | Material            | Finish                                   |
|-----------------|---------------------|---------------------|------------------------------------------|
| MA-909          | Optical Fiber Cable | APF (PMMA resin)    | Coated PCV resin (Black)                 |
|                 | Plug Contact        | Copper Alloy        | Gold plating                             |
|                 | Plug Housing        | PBT resin           | (Black)                                  |
|                 | Shielded Pipe       | Steel               | Gold plating                             |
|                 | Bottom Cover        | Denatured PPO resin | —                                        |
|                 | Top Cover           | Denatured PPO resin | —                                        |
|                 | Ferrule             | PBT resin           | (Black)                                  |
| CSK-M94         | Housing             | PBT resin           | —                                        |
|                 | Cover               | PBT resin           | —                                        |
|                 | Contact             | Copper Alloy        | Gold plating                             |
|                 | Shielded Case       | Copper Alloy        | Gold flash plating<br>Tin reflow plating |

## DIMENSIONS

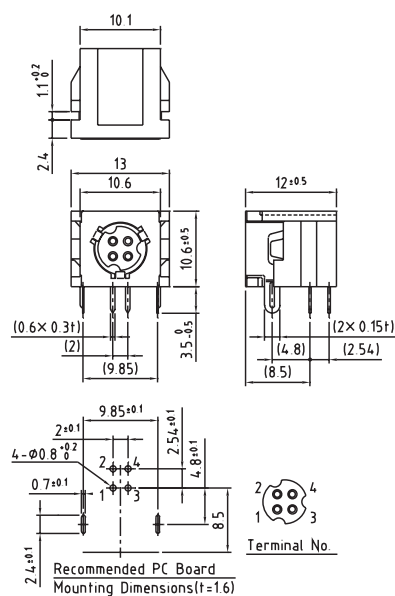
### MC-909



### CSK-M94 (R)



### CSK-M94 (T)



Unit : mm