

# 7/8" T Type Male-Female Molded With Cable

7/8" Circular Connector

Download Date:2025-12-16



The catalog is for reference only. The actual specifications are subject to the product engineering drawings. version 1.0

## Connector Series: 7/8"

|               |                         |
|---------------|-------------------------|
| Gender        | Male to Female          |
| Coding        | A                       |
| Locking Type  | Fix Screw               |
| Mounting Type | T Type                  |
| Part No       | M87-A**-ST0-MF2-BT*-XXX |

## Technical Data

|                       |           |
|-----------------------|-----------|
| Ambient Temperatur    | -25℃~+85℃ |
| Insulation Resistance | ≥100MΩ    |
| Contact Resistance    | ≤5mΩ      |
| IP Class              | IP67      |

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Mating Endurance

>100 Mating Cycles

## Material Data

|                     |                                 |
|---------------------|---------------------------------|
| Connector Carriers  | PA                              |
| Connector Contacts  | Copper Alloy With Gold Plated   |
| Connector Nut/Screw | Copper Alloy With Nickel Plated |
| Shielding           | Unshielded                      |
| Seal/O-Ring         | FKM                             |
| Connector Overmold  | TPU                             |

## Electrical Data & Mechanical Date

|                                |         |        |        |        |
|--------------------------------|---------|--------|--------|--------|
| Contacts Pin [Pins]            | 2       | 3      | 4      | 5      |
| Rated Current [A]              | 13      | 13     | 13     | 7      |
| Voltage AC/DC [V]              | 300/300 |        |        |        |
| Wire Range AWG/mm <sup>2</sup> | 18/1.0  | 18/1.0 | 18/1.0 | 20/0.5 |
| Cable Jacket                   | PVC/PUR |        |        |        |

## Dimensions

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