

## Within Series Adaptor 34\_716-50-0-1/003\_-

### Description

Bulkhead adaptor jack/jack  
7/16 jack (female) / 7/16 jack (female)

Interface standard  
Series 7/16 - IEC 61169-4\_CECC 22190\_DIN 47223\_VG 95250



### Technical Data

#### Electrical Data

|                          |                                     |
|--------------------------|-------------------------------------|
| Impedance                | 50 Ω                                |
| Interface frequency max. | 7.5 GHz                             |
| VSWR                     | DC - 4 GHz<br>≤ 1.02 + 0.05 f (GHz) |
| Frequency range          | 4 to 7.5 GHz                        |
| Return loss              | ≥ 20 dB                             |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.2212 kg |

#### Environmental Data

|  |                  |
|--|------------------|
| Operating temperature                                | -65 °C to 165 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant        |

#### Material Data

Interface - 7/16 jack (female)

| Piece Parts    | Material              | Surface Plating       |
|----------------|-----------------------|-----------------------|
| Centre contact | Bronze                | Silver Plating        |
| Outer contact  | Bronze                | Silver Plating        |
| Body           | Brass                 | SUCOPLATE (R) Plating |
| Insulator      | PFA / PTFE            |                       |
| Gasket         | VMQ (Silicone rubber) |                       |

Interface - 7/16 jack (female)

| Piece Parts    | Material              | Surface Plating       |
|----------------|-----------------------|-----------------------|
| Centre contact | Bronze                | Silver Plating        |
| Outer contact  | Bronze                | Silver Plating        |
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### Related Documents

|                   |              |
|-------------------|--------------|
| Catalogue drawing | DCA-00013664 |
| Mounting hole     | DOU-00008958 |

### Ordering Information

|                |                      |
|----------------|----------------------|
| Single package | 34_716-50-0-1/003_-E |
|----------------|----------------------|

## Within Series Adaptor

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### Remarks

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IP rating unmated: IP 65

IP rating mated: IP 68