

F-FM

MALE-FEMALE DISCONNECT CONNECTOR, PRE-INSULATED IN POLYCARBONATE, PARTIALLY REINFORCED, FOR COPPER CONDUCTORS, HALOGEN FREE



CERTIFICATIONS & APPROVALS



Features

TECHNICAL INFORMATION

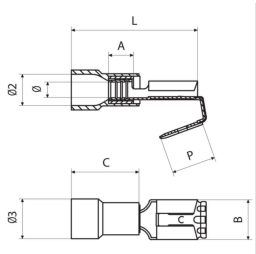
| | |
|--|----------------------------------|
| Minimum operating temperature | -20 °C |
| Maximum operating temperature | 115 °C |
| Threshold of operating temperature for short periods | 130 °C |
| Barrel reinforcement ring | Yes |
| Markings found | factory mark; conductor size-run |
| Reference standard | UL 310; CAN/CSA C22.2 No. 153-14 |
| Typology | single |
| Type of insulation | partial |
| Easy insertion input | Yes |
| Self-extinguishing fire class according to UL 94 | V0 |
| Reinforced with anti-vibration collar | No |

WEIGHT AND DIMENSIONS

| | |
|------------------------|-------------|
| Type of connection | male-female |
| Tongue width | 6.8 mm |
| Tongue length | 7.8 mm |
| Total length | 21 mm |
| Barrel length | 4.7 mm |
| Cable stripping length | 5.2 mm |

CLASSIFICATION AND DATA ORDERING

| | |
|--------------|--|
| Electrocode | 3681 |
| ETIM Class 7 | Round or flat plug/receptacle [EC000516] |
| Customs code | 85366990 |



MATERIAL COMPOSITION AND TREATMENTS

| | |
|---|-------------------------|
| Conductor body material | brass |
| Minimum thickness of the surface coating of the conducting body | 3 µm |
| Surface treatment of the conductor body | tin plating |
| Insulated cover material | Polycarbonate PC10500AC |
| Annealing | No |
| Internal surface of the barrel | smooth |
| Halogen free | Yes |
| Anti-vibration neck material | copper |

LOGISTIC

| | |
|----------------------------|---------|
| Type of packaging | ; box |
| Unit in minimal packaging | 100 PCE |
| Unit in standard packaging | 100 PCE |

CERTIFICATIONS

| | |
|----------------|-----|
| ROHS compliant | Yes |
|----------------|-----|

RF-FM Insulated cover colour **Red** Range of cable cross section **0.25 ÷ 1.5 mm²**

| tipo | C [mm] | Ø2 [mm] | Ø3 [mm] | Ø [mm] | Gross weight [g] |
|----------|--------|---------|---------|--------|------------------|
| RF-FM608 | 10.5 | 4 | 5.5 | 2.8 | 1,329 |

BF-FM Insulated cover colour **Blue** Range of cable cross section **1.5 ÷ 2.5 mm²**

| tipo | C [mm] | Ø2 [mm] | Ø3 [mm] | Ø [mm] | Gross weight [g] |
|----------|--------|---------|---------|--------|------------------|
| BF-FM608 | 10.7 | 4.9 | 6.4 | 3.4 | 1,440 |



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