

## SUMMARY

### # Wires

|         |    |
|---------|----|
| Low     | 10 |
| High    | 0  |
| Coax    | 0  |
| Triax   | 0  |
| Quad    | 0  |
| Fiber   | 0  |
| Fluidic | 0  |



*Image is for illustrative purpose only*

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|                  |                 |
|------------------|-----------------|
| Series           | 2F              |
| Termination type | Male crimp      |
| IP rating        | 67              |
| Cable Ø          | 5.30 - 14.00 mm |
| Matching parts   | EGN.2F.310.CLM  |
| Status           | active          |
| Alternative part |                 |

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FG*: Straight plug  |
| Keying            | 3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts) |
| Housing Material  | Brass (chrome plated) shell and nut, other pieces brass                       |
| Cable Fixing      | ∅ 5.3 - 14 mm   |
| Variant           |   |
| Weight            | 16.84 g   |

### Performance

|               |  |
|---------------|--|
| Configuration | 2F.310 : 10 Low Voltage                                  |
| Insulator     | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 8 Amps   |

### Specifications

|                         |
|-------------------------|
| Contact Type: Crimp     |
| Max. Matings: 5000      |
| Contact Retention: 30 N |

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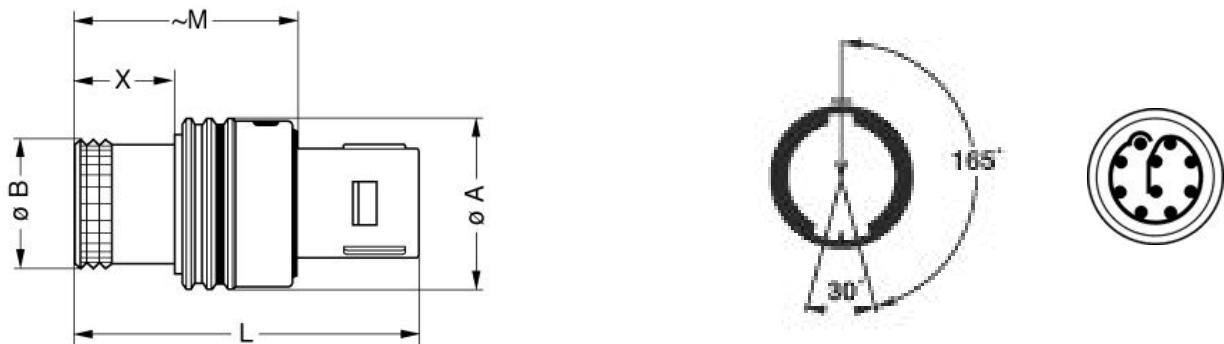
Contact Dia.: 0.9 mm (0.035in)  
 Bucket Dia.: 1.1 mm (0.043in)  
 Min. Conductor: 0.25 mm<sup>2</sup> (AWG 24)  
 Max. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 R (max): 4.8 mOhm  
 Vtest (contact-shell): 2100 V (AC), 2970 V (DC)  
 Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

## Others

Endurance (Shell): 5000 mating cycles  
 Temp (min / max): -55°C / +200°C  
 Humidity (max): <=95% [at 60 deg C / 140 F]  
 Vibration: 15 g [10 Hz - 2000 Hz]  
 Shock Resistance: 100 g [ 6 ms]  
 Climatical Category: 50/175/21 (Aluminium shell)  
 IP Rating: 67

## DRAWINGS

### Draws



### Dimensions

|     | A    | B    | L    | M    | X    |
|-----|------|------|------|------|------|
| mm. | 17   | 14   | 27.8 | 17.9 | 8    |
| in. | 0,67 | 0,55 | 1,09 | 0,70 | 0,31 |



















## RECOMMENDED BY LEMO

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## Tools

Crimp Tool: DPC.91.701.V  
 Crimp settings: AWG/Selector = 20-22-24/6-5-5  
 Positionner: DCE.91.090.BVC  
 Extractor: DCF.93.090.4LT  
 Replacement contact: FGG.0B.560.ZZC

## Cables

|                    |               |       |   |
|--------------------|---------------|-------|---|
| CMN.10.T20.080PGCE | PVC           | GREY  |    |
| CMN.10.T20.080PGZE |               | Grey  |    |
| CMN.10.T20.080PNCE | PVC           | Black |    |
| CMN.10.T20.080PNZE |               |       |    |
| CMN.10.T20.080QGC  | TPR           | Grey  |   |
| CMN.10.T22.068PGCE | PVC           | GREY  |    |
| CMN.10.T22.068PGZE |               | Grey  |    |
| CMN.10.T22.068PNCE | PVC           | Black |    |
| CMN.10.T22.068PNZE |               |       |    |
| CMN.10.T22.068QGZE | TPR (medical) | Grey  |    |
| CMN.10.T28.053QGZE | TPR (medical) | Grey  |    |
| 110 220            | PVC           | Black |   |
| 110 240            | PTFE          | White |  |
| 110 280            | PVC           | Black |  |
| 210 140            | PVC           | Grey  |  |
| 210 200            | PVC           | Black |  |
| 210 240            | PVC           | Black |  |
| 210 250            | PVC           | Grey  |  |
| 210 260            | PVC           | Black |  |

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