

SUMMARY

Wires

| | |
|-------------|---|
| Low voltage | 5 |
|-------------|---|



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 0B |
| Termination type | Female crimp |
| IP rating | 50 |
| AWG wire size | 26.00 - 22.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | FGA.0B.305.CYCD42 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EE*: Fixed receptacle, nut fixing (back panel mounting) |
| Keying | 2 keys (alpha=30, plug: male contacts, receptacle: female contacts) |
| Housing Material | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Weight | 6.24 g |

Performance

| | |
|---------------|----------------------------|
| Configuration | 0B.305 : 5 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated Current | 6.5 Amps |

Specifications

| | |
|------------------------|-------------------------------|
| Contact Type: | Crimp |
| Contact Retention: | 22 N |
| Contact Dia.: | 0.7 mm (0.028in) |
| Bucket Dia.: | 0.8 mm (0.031in) |
| Min. Conductor: | 0.14 mm ² (AWG 26) |
| Max. Conductor: | 0.34 mm ² (AWG 22) |
| R (max): | 6.1 mOhm |
| Vtest (contact-shell): | 1200 V (AC), 1700 V (DC) |

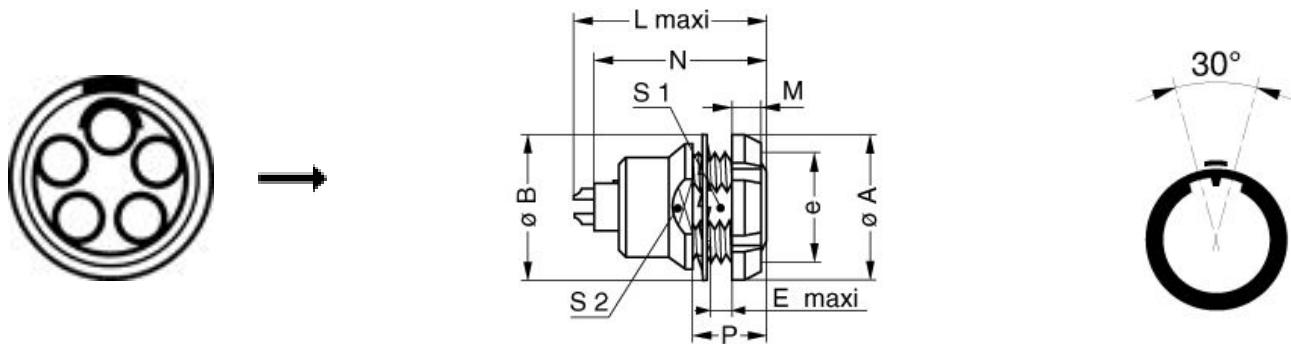
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Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

Others

Endurance (Shell): 5000
Temp (min / max): -55°C / +250°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
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

| | A | B | E | L | M | N | P | S1 | S2 | e |
|-----|------|------|------|------|------|------|------|------|------|--------|
| mm. | 12 | 12.5 | 2.4 | 20.7 | 2.5 | 19.1 | 6.3 | 8.2 | 9 | M9x0.6 |
| in. | 0,47 | 0,49 | 0,09 | 0,81 | 0,10 | 0,75 | 0,25 | 0,32 | 0,35 | |

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)
 Crimp settings: AWG/Selector = 22-24-26/6-5-5
 Positionner: [DCE.91.070.BVM](#)
 Extractor: [DCF.92.070.3LT](#)
 Replacement contact: EGG.0B.655.ZZM

Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.05.T22.051QGZE | TPR (medical) | Grey |  |
| CMN.05.T28.029PGCE | PVC | GREY |  |
| CMN.05.T28.029PGZE | | Grey |  |
| CMN.05.T28.029PNCE | PVC | Black |  |
| CMN.05.T28.029PNZE | | |  |
| 150250 | PVC | Grey |  |
| 50090 | PVC | Black | |
| 50140 | PVC | Grey |  |
| 5050 | PVC | Black |  |

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