ECJ.3B.320.CYC





Image for illustrative purpose only

Summary

Request a quote

| Catalog | |
|------------------------------------|--|
| Number of contacts Low Voltage | 20 |
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| Wire Size/AWG | 26 - 22 |
| Gender | Reverse Gender |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.00 - 16.60 mm |
| Size | 3B |
| Suggested matching part | FGJ.3B.320.CYMD82 |
| Series | B - Indoor keyed |

Technical details

Electrical Configuration

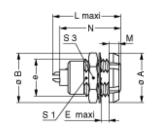
| Number of contacts Low Voltage | 20 | | | |
|---------------------------------|---|--|--|--|
| Contact Termination Low voltage | Crimp | | | |
| R (max) | 6.1 mOhm | | | |
| Insert configuration value | 3B.320 - 20 Low Voltage | | | |
| Insulator | Y: PEEK for crimp contacts | | | |
| Rated current | 6 A | | | |
| Vtest (contact-contact) | 2 kV (DC) | | | |
| Vtest (contact-shell) | 2.2 kV (DC) | | | |
| Contact retention | 22 N | | | |
| Max. Conductor | 0.34 mm^2 (AWG 22) | | | |
| Min. Conductor | 0.14 mm^2 (AWG 26) | | | |
| Bucket Dia. | 0.8 mm (0.031in) | | | |
| Contact Dia. | 0.7 mm (0.028in) | | | |
| Wire Size/AWG | 26 - 22 | | | |
| Gender | Reverse Gender | | | |
| orm & Material | | | | |
| Shell style / Model id | EC - Fixed receptacle with two nuts (back panel mounting) | | | |
| Socket / Receptacle | Fixed Panel Rear Mounted | | | |
| 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 | | | |
| Locking system | Push-pull | | | |
| Keying | 2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts) | | | |
| Colour | Grey | | | |
| Weight | 28.8 g | | | |

Environment

| Technical domain | Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV | | | | |
|------------------------------------|--|--|--|--|--|
| Environmental sealing (IP rating) | IP50 | | | | |
| Endurance | 5000 mating cycles | | | | |
| Temperature range | -55°C / +250°C (max. temperature valid for short periods of use.) | | | | |
| Climatical Category | 50/175/21 | | | | |
| Humidity (max) | <=95% [at 60 deg C /140 F] | | | | |
| Shielding (min) | 75 dB (10 MHz) | | | | |
| Shielding (min) | 40 dB (1 GHz) | | | | |
| Shock Resistance | 100 g [6 ms] | | | | |
| Vibration | 15 g [10 Hz - 2000 Hz] | | | | |
| Salt Spray Corrosion | >1000 hr | | | | |
| Cable fixation | | | | | |
| Jacket cable outside diameter [mm] | 2.00 - 16.60 mm | | | | |
| | | | | | |

Drawings







Dimensions

| | В | A | E | L | M | N | S1 | S3 | е |
|-----|------|------|------|------|------|------|-----------|-----------|---------|
| mm. | 25 | 24 | 9 | 30.7 | 4.5 | 28.1 | 16.5 | 22 | M18x1.0 |
| in. | 0.98 | 0.94 | 0.35 | 1.21 | 0.18 | 1.11 | 0.65 | 0.87 | |

Recommended By Lemo

Accessories

| Replacement contact | FGG.3B.555.ZZC |
|---------------------|--|
| Compatible cap | BRE.3S.200.NAS |
| Tools | |
| Positionner | DCE.91.073.BVC |
| Extraction tool | DCC.07.04B.LAG |
| Crimp tool | DPC.91.701.V |
| Spanner wrench | Socket for torque wrench DCM.65.200.AZ |

Cables

| Cable PartNumber | Material | Colour | Cable image |
|------------------|----------|--------|-------------|
| 420250 | PVC | Grey | |