# **EEJ.3B.320.CLA**





Image for illustrative purpose only

## **Summary**

#### Request a quote

| Catalog                            |  |
|------------------------------------|--|
| Number of contacts Low Voltage     | 20   |
| Wire Size/AWG                      | 30 - 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.CLLD11                              |
| Series                             | B - Indoor keyed                               |

## **Technical details**

### **Electrical Configuration**

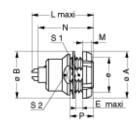
| Number of contacts Low Voltage  | 20   |  |  |  |  |
|---------------------------------|--|--|--|--|--|
| Contact Termination Low voltage | Solder   |  |  |  |  |
| R (max)                         | 6.1 mOhm   |  |  |  |  |
| Insert configuration value      | 3B.320 - 20 Low Voltage  |  |  |  |  |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5)  |  |  |  |  |
| Rated current                   | 6 A  |  |  |  |  |
| Vtest (contact-contact)         | 1.4 kV (DC)  |  |  |  |  |
| Vtest (contact-shell)           | 1.3 kV (DC)  |  |  |  |  |
| Max. Conductor                  | 0.34 mm^2 (AWG 22)   |  |  |  |  |
| Max. Stranded Conductor         | 0.34 mm^2 (AWG 22)   |  |  |  |  |
| Bucket Dia.                     | 0.8 mm (0.031in)   |  |  |  |  |
| Contact Dia.                    | 0.7 mm (0.028in)   |  |  |  |  |
| Wire Size/AWG                   | 30 - 22  |  |  |  |  |
| Gender                          | Reverse Gender   |  |  |  |  |
| Form & Material                 |  |  |  |  |  |
| Shell style / Model id          | EE - Fixed receptacle, nut fixing (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] bras latch sleeve and mid pieces |  |  |  |  |
| Locking system                  | Push-pull  |  |  |  |  |
| Keying                          | 2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)  |  |  |  |  |
| 0.1                             | •  |  |  |  |  |
| Colour                          | Grey   |  |  |  |  |

#### **Environment**

| Technical domain                   | Audio Video, Energy and Industrial, Medical,<br>Semiconductor, Specialties and Other, Test and<br>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**

|     | S1   | <b>S2</b> | E    | P    | L    | M    | N    | е       | A    | В    |
|-----|------|-----------|------|------|------|------|------|---------|------|------|
| mm. | 16.5 | 20        | 6.1  | 12   | 30.7 | 4.5  | 28.1 | M18x1.0 | 24   | 25   |
| in. | 0.65 | 0.79      | 0.24 | 0.47 | 1.21 | 0.18 | 1.11 |         | 0.94 | 0.98 |

# **Recommended By Lemo**

#### **Accessories**

Compatible cap

BRE.3S.200.NAS

### **Cables**

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