## **ECA.2B.308.CYP**





Image for illustrative purpose only

# **Summary**

### Request a quote

| Catalog                                |  |
|--|--|
| Ni walang af ang kantanta Lawa Waltang |  |
| Number of contacts Low Voltage         | 8  |
| Wire Size/AWG                          | 26 - 22  |
| Gender                                 | Standard                                       |
| Socket / Receptacle                    | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system                         | Push-pull                                      |
| Jacket cable outside diameter [mm]     | 2.00 - 13.60 mm                                |
| Size                                   | 2B   |
| Suggested matching part                | FGA.2B.308.CYBD82                              |
| Series                                 | B - Indoor keyed                               |

# **Technical details**

### **Electrical Configuration**

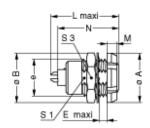
| Number of contacts Low Voltage  | 8   |  |  |
|---------------------------------|---|--|--|
| Contact Termination Low voltage | Crimp   |  |  |
| R (max)                         | 4.8 mOhm  |  |  |
| Insert configuration value      | 2B.308 - 8 Low Voltage  |  |  |
| Insulator                       | Y: PEEK for crimp contacts  |  |  |
| Rated current                   | 10 A  |  |  |
| Vtest (contact-contact)         | 2.8 kV (DC)   |  |  |
| Vtest (contact-shell)           | 2.8 kV (DC)   |  |  |
| Contact retention               | 30 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.                    | 0.9 mm (0.035in)  |  |  |
| Wire Size/AWG                   | 26 - 22   |  |  |
| Gender                          | Standard  |  |  |
| Form & 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                          | A: 2 keys (alpha=30, plug: male contacts, receptacle female contacts)   |  |  |
| Colour                          | Grey  |  |  |
|                                 |   |  |  |

#### **Environment**

| Audio Video, Energy and Industrial, Medical,<br>Semiconductor, Specialties and Other, Test and<br>Measurement, Transportation, Aerospace and UAV |  |  |  |
|--|--|--|--|
| IP50   |  |  |  |
| 5000 mating cycles   |  |  |  |
| -55°C / $+250$ °C (max. temperature valid for short periods of use.)   |  |  |  |
| 50/175/21  |  |  |  |
| <=95% [at 60 deg C /140 F]   |  |  |  |
| 75 dB (10 MHz)   |  |  |  |
| 40 dB (1 GHz)  |  |  |  |
| 100 g [ 6 ms]  |  |  |  |
| 15 g [10 Hz - 2000 Hz]   |  |  |  |
| >1000 hr   |  |  |  |
|  |  |  |  |
| 2.00 - 13.60 mm  |  |  |  |
|  |  |  |  |

# **Drawings**







### **Dimensions**

|     | В    | A    | L    | M    | N    | S1   | <b>S3</b> | E    | е       |
|-----|------|------|------|------|------|------|-----------|------|---------|
| mm. | 19.2 | 20   | 26.7 | 3.5  | 24.6 | 13.5 | 17        | 6.5  | M15x1.0 |
| in. | 0.76 | 0.79 | 1.05 | 0.14 | 0.97 | 0.53 | 0.67      | 0.26 |         |

# **Recommended By Lemo**

#### **Accessories**

| Replacement contact | EGG.2B.661.ZZM  |
|---------------------|---|
| Compatible cap      | BRE.2S.200.NAS  |
| Tools               |   |
| Spanner 2           | DCH.91.201.PA   |
| Positionner         | DCE.91.092.BVM  |
| Extraction tool     | DCC.09.05B.LAG  |
| Crimp tool          | DPC.91.701.V  |
| Spanner wrench      | Socket for torque wrench DCM.65.170.AZ and DCM.2S.M15.6 |

## **Cables**

| Cable PartNumber   | Material      | Colour | Cable image |
|--------------------|---------------|--------|-------------|
| CMN.08.T22.059QGC  | TPR           | Grey   |             |
| CMN.08.T22.059QGZE | TPR (medical) | Grey   |             |
| CMN.08.T26.042QGZE | TPR (medical) | Grey   |             |
| 108220             | PVC           | Black  |             |
| 108240             | PTFE          | White  |             |
| 108260             | PTFE          | White  |             |
| 16080              | PVC           | Grey   |             |
| 180240             | PVC           | Black  |             |
| 180260             | PVC           | Black  |             |
| 280250             | PVC           | Grey   |             |
| 335990             | PVC           | Black  |             |
| 335991             | PVC           | Black  |             |
| 42265              | PVC           | Yellow |             |
| 80140              | PVC           | Grey   |             |
| 8050               | PVC           | Black  |             |
| 8280               | PVC           | Black  |             |