

Standard



Image for illustrative purpose only

Summary

[Request a quote](#)

[BKT series](#)

[Customer Drawing](#)

| | |
|------------------------------------|---|
| Number of contacts Low Voltage | 20 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 5.60 - 6.00 mm |
| Size | 3K |
| Suggested matching part | EGA.3K.320.CLL PHA.3K.320.CLLC60 |
| Series | K - Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fga-3k-320-clac60.html

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Technical details

Electrical Configuration

| | |
|------------------------------------|-------------------------------|
| Number of contacts Low Voltage | 20 |
| Contact Termination Low voltage | Solder |
| R (max) | 6.1 mOhm |
| Insert configuration value | 3K.320 - 20 Low Voltage |
| Footprint IPC Class3 compatibility | No |
| 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 | Standard |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | FG - Straight plug, cable collet |
| Plug | Straight |
| Housing material | Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces |
| Locking system | Push-pull |
| Keying | 2 keys (alpha=30, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 68.72 g |

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Environment

| | |
|-----------------------------------|---|
| Technical domain | Audio Video, Energy and Industrial, Medical, Test and Measurement |
| Environmental sealing (IP rating) | IP68 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +200°C (max. temperature valid for short periods of use.) |
| Climatic Category | 50/175/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 95 dB (10 MHz) |
| Shielding (min) | 80 dB (1 GHz) |
| Shock Resistance | 100 g [6 ms] |
| Vibration | 15 g [10 Hz - 2000 Hz] |
| Salt Spray Corrosion | >1000 hr |

Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 5.60 - 6.00 mm |

CAD

Documents

| | |
|-------|--------------------------|
| Eplan | Download |
|-------|--------------------------|

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