

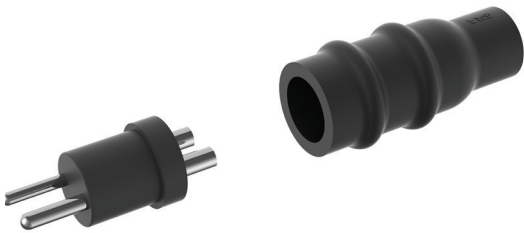
PRODUCT DATASHEET

Secondary Connector Kits KD501 & KD502



FAA AC 5345-26, L-823, Class B

KD501-series (Plug)



KD502-series (Receptacle)



KD501/502 have been the industry requirement for over 30 years. They are designed for a fast-and-easy watertight connection between the secondary cable and the series isolating transformer. This waterproof silicon filled connector is used with double insulated two core cables, 3-pin also available. Connector is fast to install, approx. 1 min. KD501/502 connectors are Intertek certified to FAA AC.

Electrical characteristics

- Superior isolation resistance by thermoplastic elastomer (TPE)
- Nominal rating: 20 A and 600 V
- Cable diameter 8.5–18 mm (0.334–0.708")
- Conductor size 1.5–6 mm² (16–10/8 AWG)
- ROHS compliance with EU directive NO2002/95/EC



Contents:

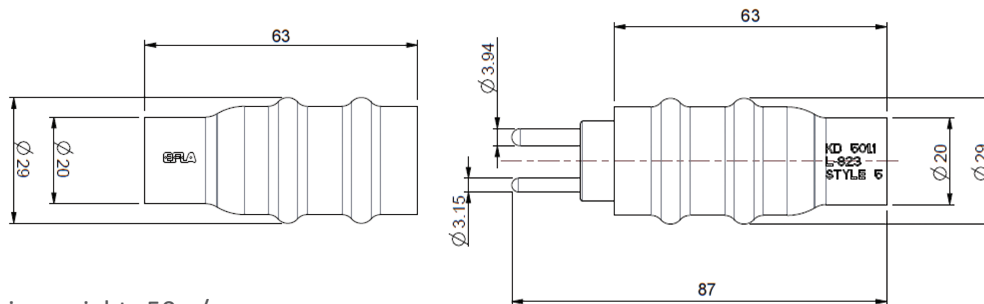
KD501 (Plug) and KD502 (Receptacle) are packed and delivered in kit including all the necessary parts for making the assembly on secondary cable. Each secondary connector kit contains components for a plug or a receptacle.

- Silicone grease tube
- Cleaning cloth
- Body with connecting parts
- Installation instructions
- Plug or receptacle housings

Dimensional data

EFLA type two core cable	Type	Conductor size	AWG	Cable diameter	in inches
KD501	Plug	1.5–2.5 mm ²	16–14	8.5–13.5 mm	0.334–0.531
KD501.1	Plug	4.0–6.0 mm ²	12–10/8	11.5–18.0 mm	0.157–0.708
KD501.2	Plug	4.0–6.0 mm ²	12–10/8	8.5–13.5 mm	0.334–0.531
KD502	Receptacle	1.5–2.5 mm ²	16–14	8.5–13.5 mm	0.334–0.531
KD502.1	Receptacle	4.0–6.0 mm ²	12–10/8	11.5–18.0 mm	0.157–0.708
KD502.2	Receptacle	4.0–6.0 mm ²	12–10/8	8.5–13.5 mm	0.334–0.531

Outline



* KD501/502 series weights 50 g/pc

Suggested crimping tools

Conductor size	Manual Crimping Tools	Electric Crimping Tools
1.5–2.5 mm ²	Elpress DKB 0760	Elpress PVL 130S - RB0560
4.0–6.0 mm ²	Elpress GWB 4099C	Elpress PVL 130S - WB4099



Note:

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