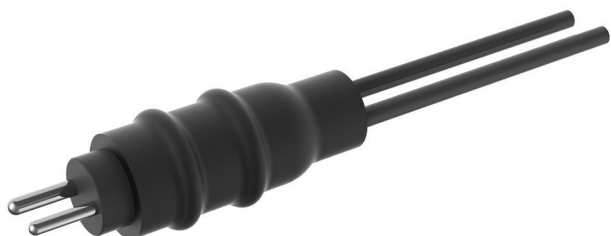


## PRODUCT DATASHEET

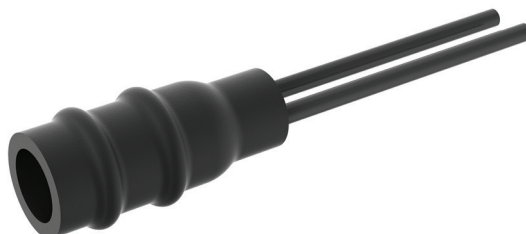
### AGL Secondary Connector Kits KD503 & KD503R

FAA AC 5345-26, L-823 Class B

#### KD503-series (Plug)

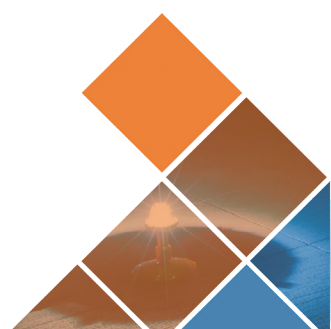


#### KD503R-series (Receptacle)



KD503 connectors have been industry requirement for over 30 years. This connector is filled with silicon and used with two single core wires. Connector is fast to install and Intertek certified to FAA AC.

- Superior isolation resistance by thermoplastic elastomer (TPE)
- Nominal rating: 20 A and 600 V
- Wire diameter 2.8–8mm (0.110–0.314")
- Conductor size 1.5–6 mm<sup>2</sup> (16–10/8 AWG)
- ROHS compliance with EU directive NO2002/95/EC



## Contents:

KD503 (Plug) and KD503R (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.

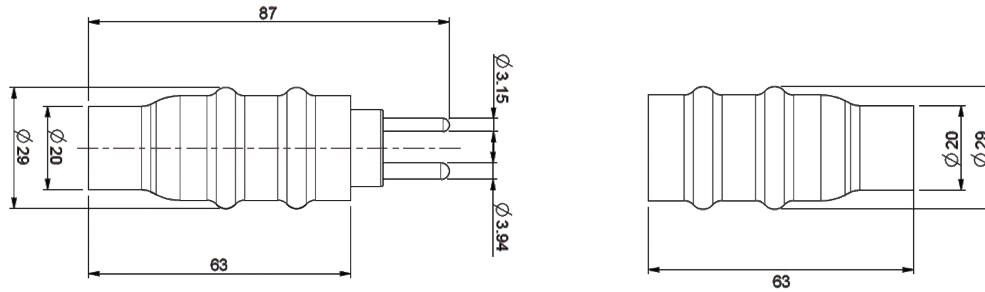
- Silicone grease tube
- Body with connecting parts
- Plug or receptacle housing
- Installation manual
- Paper towel

## Dimensional data

EFLA Type	Type	Conductor Size	AWG	Wire Diameter
KD503	Plug	1.5–2.5 mm <sup>2</sup>	16–14	2.8–4.0 mm, 0.110–0.157"
KD503.1	Plug	4.0–6.0 mm <sup>2</sup>	12–10/8	3.8–5.5 mm, 0.149–0.216"
KD503.2	Plug	4.0–6.0 mm <sup>2</sup>	12–10/8	2.8–3.4 mm, 0.110–0.133"
KD503.3	Plug	4.0–6.0 mm <sup>2</sup>	12–10/8	5.0–8.0 mm, 0.196–0.314"
KD503/R	Receptacle	1.5–2.5 mm <sup>2</sup>	16–14	2.8–4.0 mm, 0.110–0.157"
KD503R.1	Receptacle	4.0–6.0 mm <sup>2</sup>	12–10/8	3.8–5.5 mm, 0.149–0.216"
KD503R.2	Receptacle	4.0–6.0 mm <sup>2</sup>	12–10/8	2.8–3.4 mm, 0.110–0.133"
KD503R.3	Receptacle	4.0–6.0 mm <sup>2</sup>	12–10/8	5.0–8.0 mm, 0.196–0.314"



## Outline



\* KD503 series weights 50 g/pc

## Suggested crimping tools

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



### Note:

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