



WIRE TO BOARD 2-PIECE STRIPT® CRIMP CONTACTS

9140-000 & 9141-000 SERIES



[Click Here to View the 9140-000 Series Datasheet](#)

BASIC OVERVIEW

KYOCERA AVX continues to develop unique connectors to fill the gap in the market. The newest addition to KYOCERA AVX broadening line of wire to board solution is the 2-piece Stript® crimp contacts 9140-000 series.

The contact accommodates wire size from 22 to 28AWG and carries high current up to 8amp per contact. With its compact size (W2.4mm x H1.2mm) the 9140-000 and 9141-000 series offers a solution for customers who has space constraint.

9140-000 and 9141-000 series has mistake-proofing design (polarization) which can prevent wrong orientation assembly.

The mating force is as low as 6N, while retention force is up to 40N. The mechanism design allows users to easily assemble the contacts to have a reliable connection.

APPLICATIONS

- Commercial Lighting
- Home Appliance
- Consumer Applications
- Transportation Lighting
- Industrial Sensors & Motors

KEY SPECIFICATIONS

Wire Sizes:	22 to 28AWG
Current Rating:	Up to 8A/Contact
Voltage Rating:	600 VAC
Working Temperature:	-40 to +125°C

GENERAL CHARACTERISTICS

- Low profile 2-piece mating contacts
- Compact size with 2.4mm in width and 1.2mm in height (unmated)
- Latching feature provides high retention force under shock and vibration
- UL approved
- Mistake-proofing design (Polarization)
- High retention force 40N min

TOP SELLING POINTS / CHARACTERISTICS

- High current capability
- Latching feature provides reliable connection during shock and vibration
- Low profile and compact size
- Mistake-proofing design (polarization)





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HOW TO ORDER

RECEPTACLE

70	9140	001	018	1	0	6
Prefix	Series	Number of Ways 001 = 1	Blade Width	Blade Thickness	Receptacle	Plating Color 6 = Pure Tin All Over

BLADE CONTACT WIRE CRIMP

70	9141	001	018	1	X	6
Prefix	Series	Number of Ways 001 = 1	Blade Width	Blade Thickness	Wire Gauge Size 1 = 22 - 24 AWG 2 = 26 - 28 AWG	Plating Color 6 = Pure Tin All Over



FAQ'S

Q: Do I need a mating contact with 9140-000?

A: Yes, the 9141-000 series is designed to be mated with 9140-000 series.

Q: Is an insertion tool require for assembly?

A: Insertion tool is not needed as the contact mating force is just 6N max.

Q: Is an extraction tool required to disengage the mating contact?

A: Yes, extraction tool is required to prevent mating contact from being damaged.



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