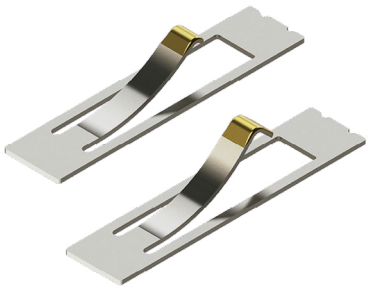
LOW PROFILE SINGLE CONTACT: 9155-600

General Information



Designers of ruggedized connectors for harsh environments continue to look for new products that reduce size and cost without compromising performance. KYOCERA AVX's new Ultra-Low Profile (ULP) compression contact is surface mounted to a PCB and provides a reliable compression connection to the mating board, even under extreme shock and vibration applications. With over 20 years of experience in 1-piece compression contacts, this innovative contact provides full connector performance functionality at the individual contact level. This allows individual contacts to be placed in any location or position on a PCB.

The high strength beryllium copper contact is gold-plated to maximize reliability and signal integrity. The current offering includes two contacts with nominal heights of 1.0mm and 1.5mm. Adding the "Z" axis tolerance range, the compressed height covers 0.75mm to 1.75mm. Contacts are supplied in tape and reel for easy SMT assembly.

APPLICATIONS

- Industrial/Ruggedized handheld or portable devices
- BTB connection for any traditional power or signal application
- Ground connections between PCB's or housings
- Product Specification: Refer to 201-01-153
- Application Notes: Refer to 201-01-154

FEATURES AND BENEFITS

- Reliable gold plated Beryllium Copper contacts for high cycle life and signal integrity up to 1000 cycles
- Tape and reel packaged for automated SMT placement
- Sweeping beam design for pluggable/module applications
- Three gold plating options to match end product environmental or expected life requirements

ELECTRICAL

- Current Rating: 3 Amps
- Voltage Rating: UL 300 VAC (RMS) or DC equivalent
  Based on placement distance

ENVIRONMENTAL

- Operating Temperature: -40°C to +125°C
- Storage Temperature: -40°C to +70°C

MECHANICAL

- Contact Material: Beryllium Copper
- Contact Plating: Gold over Nickel
- Durability: 50, 500 and 1000 cycles

HOW TO ORDER

70	9155	001	61X	00X
Prefix	Series	Number of Ways	Contact Description	Contact Description

Contact Description

Code	Nominal Operating Height	Contact Operating Height Range
610	1.00mm	0.75mm to 1.25mm
615	1.50mm	1.25mm to 1.75mm

Contact Description

Code	Gold Thickness	Description	Availability
004	0.1µm	Nickel under Plate, Gold on Nose Tin on Remainder	Standard
006	0.4µm	Nickel under Plate, Gold on Nose Tin on Remainder	Special Order
008	0.8µm	Nickel under Plate, Gold on Nose Tin on Remainder	Special Order

SALES DRAWINGS
CLICK TO DOWNLOAD

Safety Standards: UL 1977-File #E90723, CSA C22.2 NO. 182.3

RoHS compliant

The Important Information/Disclaimer is incorporated in the catalog where these specifications came from or available online at www.kyocera-avx.com/disclaimer/ by reference and should be reviewed in full before placing any order.

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