

## 49403 Molded Cable Assemblies - Modular Keyboard Assembly



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### Description:

6-position modular retractile, used to rapidly interconnect electronic computers and business machines, foil shield, polypropylene insulation, polyurethane jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
5	26	19x38	TC - Tinned Copper	.51

Number of Pins: 6

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.006

#### Connector Characteristics

Connector Characteristics - First End # of Connector Contacts/positions: 6

Connector Characteristics - First End Connector Type: Modular

Connector Characteristics - Second End # of Connector Contacts/positions: 6

Connector Characteristics - Second End Connector Type: Modular

#### Outer Shield

##### Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

##### Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
26	19x38	TC - Tinned Copper

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PUR - Polyurethane	0.03

#### Overall Cabling

Overall Nominal Diameter: 0.097 x 0.255 in.

#### Assembly Dimensional

Assembly Dimensional For Retractable Coil Body Length (extended): 67.5

Assembly Dimensional for Retractable Coil Body Length (relaxed): 15

#### Tail Length

1st End Tail Length: 1.5 +/- .5

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**2nd End Tail Length:** 1.5 +/- .5

### Wiring

**Wiring:** Straight Wired

#### Wiring Diagram Color Code Chart:

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Drain Wire

### Mechanical Characteristics (Overall)

**UL Temperature Rating:** 60°C (UL AWM Style 20197)

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

**AWM Specification:** UL Style 20197 (30 V 60°C) (cable only)

**EU Directive 2000/53/EC (ELV):** Yes

**EU Directive 2002/95/EC (RoHS):** Yes

**EU RoHS Compliance Date (mm/dd/yyyy):** 04/01/2005

**EU Directive 2002/96/EC (WEEE):** Yes

**EU Directive 2003/11/EC (BFR):** Yes

**CA Prop 65 (CJ for Wire & Cable):** Yes

**MII Order #39 (China RoHS):** Yes

#### Plenum/Non-Plenum

**Plenum (Y/N):** No

### Electrical Characteristics (Overall)

#### Max. Operating Voltage - UL:

Voltage
30V (UL AWM Style 20197)

### Notes (Overall)

**Notes:** Positive locking latch prevents connector from vibrating loose. Polarized connector prevents improper insertion. No tools required for installation. A longitudinal aluminum/polyester shield protects against ESD and EMI.

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
49403 010S2	1 EA	0.240 LB	BLACK		6 POS MOD RET CABLE RI47867

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