

### Miniature Contacts

#### Performance Characteristics

**Insulation Resistance** — 5000 megohms min

**Dielectric Withstanding Voltage** — 1,000 volts rms for 1 minute

**Contact Resistance** — 2.0 milliohms @ 1 ampere

**Low-Level Conductivity** — 10 millivolts DC min.

**VSWR** — 1.3 to 1.0 @ 1 000 MHz max.

#### Cable Retention

RG/U Cable	Retention lbs (N)
56C	50 [222]
188A	30 [133]
180B	25 [111]
195A	15 [71]

**Durability** — 500 cycles @ 10 cycles per minute max.

**Vibration** — 2 hrs. per MIL-STD-202, Method 201

**Shock** — 50 G's per MIL-Std-202, Method 213, Conc. G

**Temperature Cycling** — 5 cycles per MIL-STD-202, Method 102, Cond C.

**Temperature Range** — -55°C to +125°C

**Test Method for Electronic and Electrical Component Parts** — MIL-STD-202

#### Material

**Outer Shell** — Brass per MIL-C-50

**Center Conductor** — Brass per QQ-B-626

#### Note:

A ferrule and retention spring (201142-2) are required for each pin and socket.  
Extraction Tool No. 305183-B

**Inner Dielectric** — Polypropylene, general purpose

**Retention Spring** — Beryllium copper per QQ-C-533

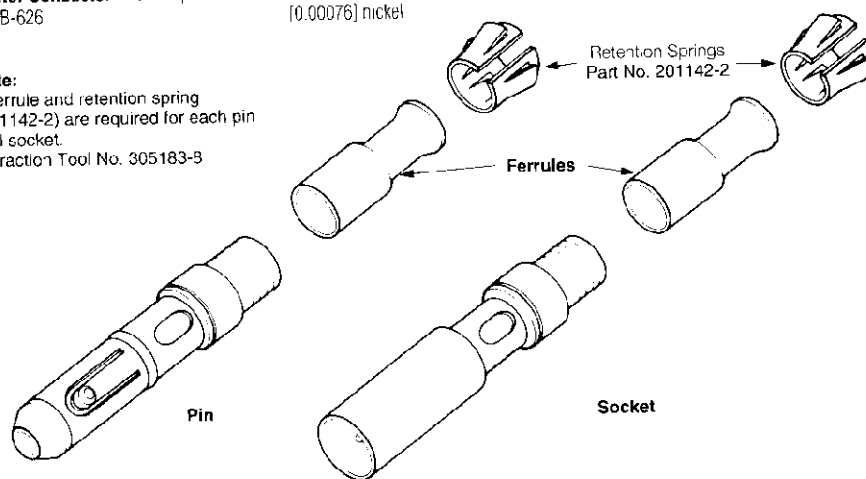
**Ferrule** — Copper per QQ-C-576

#### Finish

**Outer Shell, Center Conductor** — .000030 [0.00076] gold over .000030 [0.00076] nickel

**Retention Spring** — Nickel per QQ-N-290

**Ferrule** — Bright tin-lead per MIL-T-10727



Connector Cable Range Selection Code†	RG/U Cable	Part Numbers		Ferrule No.	Integral Die Hand Tool	Die insert for Tools: Hand Tool 69710-1 Pneu. 69365-2, 69365-3‡
		Pin	Socket			
A	178, 178A, 178B 195, 195A	201511-1	201512-1	328667	69186-2	69373
B	316, 188, 188A 174	201143-5	201144-5	328666	45636-2	69227-2
B1	179, 179A, 1793 161, 187, 167A Belden 9221	201143-1	201144-1	328666	45638-2	69227-2
B3	18E Double Braid 31E Double Braid	201143-5	201144-5	221848-3	58290-1	69227-2
C	122	201145-1	—	328664	45639-2	69222-2
C1	180, 180A, 180B 195, 195A, 21-59/	201145-2	201146-2	328664	45639-2	69222-2
C3	Belden 8218	201145-2	201146-2	328664	45639-2	69222-2
D	58, 58A, 58B, 53C	201145-4	201146-4	328663	45740-2	69220-2
D1, E	141 55, 55A, 55B, 223	201145-4	201146-4	330478	69248-4	69315-4
G	124, 140, 210 62, 62A, 62B 59, 59A, 59B	201097-1*	201098-1*	329006	—	69675-1
<b>Twisted Pair</b>						
—	28-26 AWG [0.08-0.15 mm] <sup>2</sup> (Solid)	201511-1	201512-1	328667	69186-2	69373
—	24-22 AWG [0.2-0.4 mm] <sup>2</sup> (Stranded)	201143-5	201144-5	328666	45638-3	69672
—	Shielded Wire 22, NAS-702, Class E	201145-4	201146-4	328663	45740-2	69220-2
—	Brand Rex 15788A 2E AWG [0.12-0.155 mm] <sup>2</sup>	201145-2	201146-2	328664	45639-2	69222-2

†Refer to pages 14 and 15 for page specifications.

\*These contacts are for use in the 4-position G Series connector modules only.

‡Maximum insulation diameter—.080 [2.03] (two wires combined).

§Maximum insulation diameter—.115 [2.92] (two wires combined).

¶Includes bench mount and foot control; requires Manual Take-Up Attachment No. 69689.

‡Dielectric O.D.—.106 [2.69] max.; Cable O.D.—.160 [4.06].

Coaxial Contacts  
(COAXICON)