

Miniature Contacts

Performance Characteristics

- Insulation Resistance** — 5000 megohms min
- Dielectric Withstanding Voltage** — 1,000 volts rms for 1 minute
- Contact Resistance** — 2.0 mill ohms @ 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]
58C	50 [222]
188A	30 [133]
180B	28 [125]
195A	16 [71]

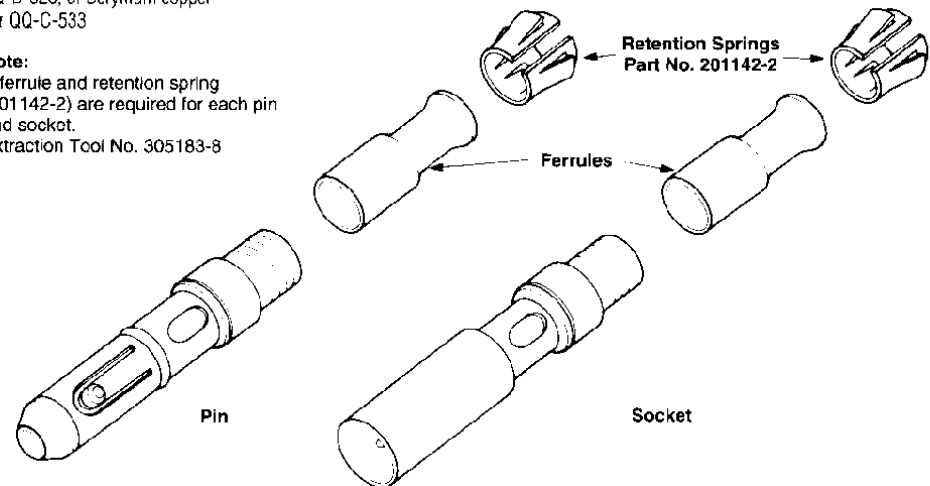
- Durability** — 500 cycles @ 10 cyc es per minute max.
- Vibration** — 2 hrs. per MIL-STD-202, Method 201
- Shock** — 50 G's per MIL-Std-202, Method 213, Cond. G
- Temperature Cycling** — 5 cycles per MIL-STD-202, Method 102 Cond. C.

- 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, or Beryllium copper per QQ-C-533

Note:
A ferrule and retention spring (201142-2) are required for each pin and socket.
Extraction Tool No. 305183-8

- Inner Dielectric** — Polypropylene, nylon, or polymethylene, general purpose
- Retention Spring** — Stainless steel per QQ-S-766
- Ferrule** — Copper per QQ-C-576

- Finish**
- Outer Shell, Center Conductor** — 0.00075 [0.0003C] gold over C.00076 [0.00030] nickel
- Retention Spring** — Nickel per QC-N-290
- Ferrule** — Bright tin-lead per MIL-T-10727



RG/U Cable	Ferrule No.	Integral Die Hand Tool	Die Insert for Tools: Hand Tool 69710-1 Pneu. 69365-2, 69365-3*	Part Numbers	
				Pin	Socket
178, 178A, 178B 196, 196A	323667	69185-2	69373	201511-1	201512-1
316, 168, 188A 174	323666	45633-2	69227-2	201143-5	201144-5
179, 179A, 179B 161, 167, 187A Be den 3221	323666	45633-2	69227-2	201143-1	201144-1
186 Double Braid 313 Double Braid	221848-3	58299-1	69227-2	201143-5	201144-5
122	326664	45633-2	69222-2	201145-1	—
180, 160A, 180B 195, 195A 21-597	326664	45633-2	69222-2	201145-2	201146-2
Belden 8218	326664	45633-2	69222-2	201145-2	201146-2
58, 58A, 58B, 58C	326663	45743-2	69220-2	201145-4	201146-4
141 55, 55A, 55B, 223	330478	69243-4	69315-4	201145-4	201146-4
124, 140, 210 62, 62A, 62F 59, 59A, 59B	329006	—	69675-1	201097-1*	201098-1*
Twisted Pair					
28-26 AWG [0.08-C, 15 mm] ¹ (Solid)	326667	69185-2	69373	201511-1	201512-1
24-22 AWG [0.2-0.4 mm] ² (Stranded)	326666	45633-3	69672	201143-5	201144-5
Shielded Wire 22, NAS-702, Class B	326663	45743-2	69220-2	201145-4	201146-4
B and Rex 5788A 26 AWG [0.12-0.155 mm] ³	326664	45633-2	69222-2	201145-2	201146-2

*These contacts are for use in the 4-position G Series connector modules only.
¹Maximum insulation diameter—2.03 [0.80] (two wires combined).
²Maximum insulation diameter—2.92 [1.15] (two wires combined).
³Includes bench mount and foot control; requires Manual Take-Up Attachment No. 69689.
⁴Dielectric O.D.—2.69 [1.06] max.; Cable O.D.—4.06 [1.60].