

Coaxial Contacts for Subminiature Cylindrical application data

JT-R Series, MIL-DTL-38999 Series II, MIL-C-39029 (27, 28, 76, 78)

COAX CONTACTS FOR USE IN JT-R CONNECTORS											
Cable	Contact Part Number		Contact Size	Dimensional Data (See Drawings below)				Crimping Tools		Installation Tools	
				G Dia. ± 0.0005	H Dia. ± 0.0010	L Length Ref.		Inner Contact	Crimp Ferrule	Insertion	Removal
	Pin	Socket		Pin	Socket						
RG-178B/U, RG-196A/U	21-33122-564 (M39029/76-425)	21-33121-564 (M39029/78-433)	16	0.0150	0.0625	0.570	0.554	MIL-C-22520/2-01 with Positioner M22520/2-35 or with Daniels Positioner K532	M22520/4-01 with Positioner M22520/4-02	M81969/8-07 or M81969/14-03	M81969/8-08 or M81969/14-03
Haveg 30-00761 30-02024 30-02033 Tensolite 24713/A955KK1 26723/A955KK1	21-33122-562*	21-33121-562*								Amphenol 11-8674-16 11-8794-16 or MS27495A16 or MS27534-16	Amphenol 11-8675-16 11-8795-16 or MS27495R16 or MS27534-16
Haveg 61-02051	21-33122-561*	21-33121-561*									
RG-174A/U, RG-188A/U, RG-161/U, RG-187A/U, RG-316/U, RG-179B/U, Haveg 8100207, Times (HS-179) AA3248 Teledyne 11299	21-33122-563 (M39029/76-424)	21-33121-563 (M39029/78-432)									
RG-180B/U, RG-195A/U, Raychem 9528A1318	21-33122-541 (M39029/28-409)	21-33121-541 (M39029/27-402)	12	0.0200	0.0940	0.570	0.554	MIL-C-22520/2-01 with Positioner M22520/2-34 or with Daniels Positioner K323	MIL-C-22520/31-01 with Positioner M22520/31-02 or Daniels GS-200 Tool with Positioner G2P330	M81969/8-09 or M81969/14-04	M81969/8-10 or M81969/14-04
Raychem 5022E5111	21-33122-543*	21-33121-543*								Amphenol 11-8674-12 11-8794-12 or MS27495A12 or MS27534-12	Amphenol 11-8675-12 11-8795-12 or MS27495R12 or MS27534-12
Raychem 9530A5314	21-33122-544	21-33121-544									
Raychem 9527A1318	21-33122-545	21-33121-545									
Gore GWN1159A	21-33122-547*	21-33121-547*									
RG-178, Gore CXN3403	21-33651-18	21-33729-18								MH992 (Daniels) with Positioner K1360	M22520/5-01 with Positioner M22520/5-03

* Consult Amphenol, Sidney NY for availability.

SUBMINIATURE CONTACT DATA

All contacts mate with other contacts in this series which have the same inner and outer contact diameters (G and H dimensions).

JT

Example: Socket 21-33121-564 on RG-196A/U cable will mate with pin 21-33122-563 on RG-188A/U cable which is used in both this and the LJ-T-R series.

LJT, TV, SJT,
Amphe-Lite

Example: Socket 21-33123-564 on RG-196A/U cable will mate with pin 21-33122-563 on RG-188A/U cable which is used in both this and the JT-R series.

Installation instructions are packaged with each contact and can be found on-line at www.amphenol-aerospace.com (from home page, go to Tech Support, Service Instructions and enter contact part number).

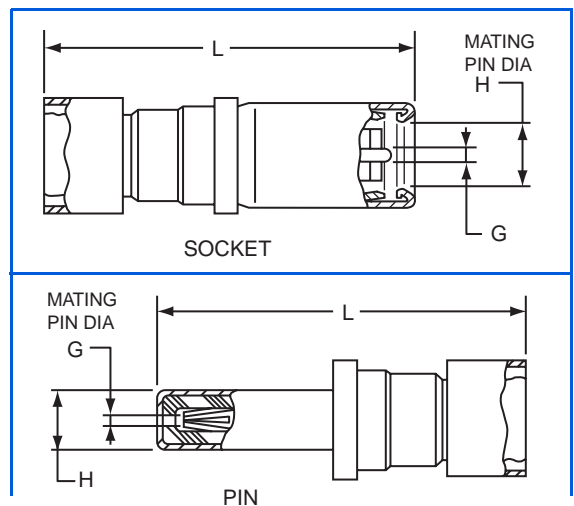
Finish of mating contact parts: Contact part numbers shown in the chart above are supplied with 0.000050 min. gold (Knoop hardness 130-200) over nickel on mating parts.

Other finishes are available; consult Amphenol.

Daniels crimping tools are available from:

Daniels Mfg. Corp. 6103 Anno Ave., Orlando FL 32809

TYPICAL ILLUSTRATION OF COAX CONTACT FOR SUBMINIATURE CONNECTORS



Coaxial Contacts for Subminiature Cylindricals

application data, cont.

LJT-R, MIL-DTL-38999 Series I; TV-R, MIL-DTL-38999 Series III; Amphe-Lite and SJT-R Series, MIL-C-39029 (28, 59, 60, 75, 76, 77)

COAX CONTACTS FOR USE IN LJTR, TVR, AMPHE-LITE AND SJTR CONNECTORS																		
Cable	Contact Part Number		Contact Size	Dimensional Data (See Drawings pg. 9)				Crimping Tools		Installation Tools								
				G Dia.	H Dia. ±0.0010	L Length Ref.												
	Pin	Socket				Pin	Socket	Inner Contact	Crimp Ferrule	Insertion	Removal							
RG-178B/U, RG-196A/U	21-33122-564 (M39029/76-425)	21-33123-564 (M39029/77-429)	16	0.0150 ± 0.0005	0.0625	0.570	0.891	MIL-C-22520/2-01 with Positioner M22520/2-35 or with Daniels Positioner K532	M22520/4-01 with Positioner M22520/4-02	M81969/8-07 or M81969/14-03	M81969/8-08 or M81969/14-03							
Haveg 30-00761 30-02024 30-02033 Tensolite 24713/A955KK1 26723/A955KK1	21-33122-562*	21-33123-562*								Amphenol 11-8674-16 11-8794-16	Amphenol 11-8675-16 11-8795-16							
Haveg 61-02051	21-33122-561*	21-33123-561*								MS27495A16 or MS27534-16	MS27495R16 or MS27534-16							
RG-174A/U, RG-188A/U, RG-316/U, RG-161/U, RG-187A/U, RG-179B/U, Haveg 8100207, Times (HS-179) AA3248 Teledyne 11299	21-33122-563 (M39029/76-424)	21-33123-563 (M39029/77-428)								12	0.0200 ± 0.0005	0.0940	0.570	0.891	MIL-C-22520/2-01 with Positioner M22520/2-34 or with Daniels Positioner K323	M22520/31-01 with Positioner M22520/31-02 or Daniels GS-200 Tool with Positioner G2P330	M81969/8-09 or M81969/14-04	M81969/8-10 or M81969/14-04
RG-180B/U, RG-195A/U, Raychem 9528A1318	21-33122-541 (M39029/28-409)	21-33123-541 (M39029/75-417)	Amphenol 11-8674-12 11-8794-12	Amphenol 11-8675-12 11-8795-12														
Raychem 5022E5111	21-33122-543*	21-33123-543*	or MS27495A12 or MS27534-12	or MS27495R12 or MS27534-12														
Raychem 9530A5314	21-33122-544*	21-33123-544*																
Raychem 9527A1318	21-33122-545*	21-33123-545*																
Gore GWN1159A	21-33122-547	21-33123-547																
RG-187A/U, RG-179B/U, RG-174A/U, RG-188A/U, RG-316/U, RG-161/U Haveg 8100207 Times (HS-179) AA3248 Teledyne 11299	21-33102-23*	21-33101-23*	8	0.0355 ± 0.0010	0.218	1.053	1.160	MIL-C-22520/2-01 with Positioner M22520/2-31** or solder	M22520/5-01 with die set M22520/5-03 (A) or M22520/5-08 (A) M22520/5-35 (B) or M22520/10-01 with Die Set M22520/10-05 (A)								hand inserted	11-9170 or MS
RG-142B/U, RG-223/U	21-33102-24*	21-33101-24*																
Haveg 51-03111 Tensolite 28895/2X1	21-33102-22	21-33101-22								M22520/5-01 with die set M22520/5-05 (B) or M22520/5-41 (B) or M22520/10-01 with Die Set M22520/10-07 (B)								
RG-180B/U, RG-195A/U, Raychem 9528A1318	21-33102-21 (M39029/60-367 Supersedes MS27536)	21-33101-21 (M39029/59-366 Supersedes MS27535)																

NOTE: Contacts can be ordered by part numbers given in chart

* Consult Amphenol, Sidney NY for availability

** When inner contact is installed by crimping only, 11-10124 Expander Tool Kit

CRIMPING TOOLS: Italicized letters in parenthesis that follow positioner part numbers indicate applicable die closure. Commercial equivalents with the same die closure dimension may be used