

Coaxial Contacts for MIL-DTL-38999

Application Data

JT-R Series, MIL-DTL-38999 Series II, SAE AS39029 (27, 28, 76, 78)

38999

- III
- HD
- Dualok
- II
- I
- SJT
- Accessories
- Aquacon
- Herm/Seal
- PCB

HIGH SPEED
Fiber Optics
Contacts Connectors Cables

- EMI Filter Transient
- 26482 Matrix 2
- 83723 III Matrix | Pyle
- 26500 Pyle

- 5015 Crimp Rear Release Matrix
- 22992 Class 1

Back-Shell

Options Others

COAX CONTACTS FOR USE IN JT-R CONNECTORS							
Cable	Contact Part Number (Termination Instruction Sheet)**		Contact Size	Crimping Tools		Installation Tools	
	Pin	Socket		Inner Contact	Crimp Ferrule	Insertion	Removal
RG-178B/U, RG-196A/U	21-033122-564 (M39029/76-425) (L-2035-AG)	21-033121-564 (M39029/78-433) (L-2035-AH)	16	M22520/2-01 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 or Amphenol 11-8674-16 or 11-8794-16 or MS27495A16 or MS27534-16	M81969/8-08 or M81969/14-03 or Amphenol 11-8675-16 or 11-8795-16 or MS27495R16 or MS27534-16
Haveg 30-00761, 30-02024, 30-02033 Tensolite 24713/A955KK1, 26723/A955KK1	21-033122-562† (L-2035-AN)	21-033121-562† (L-2035-AP)					
Haveg 61-02051	21-033122-561† (L-2035-AK)	21-033121-561† (L-2035-AL)					
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, Raychem 7528H1424	21-033122-563 (M39029/76-424) (L-2035-AD)	21-033121-563 (M39029/78-432) (L-2035-AE)					
RG-180B/U, RG-195A/U, Raychem 9528A1318	21-033122-546 (M39029/28-211) (L-2035-F)	21-033121-546 (M39029/27-210) (L-2035-G)	12	M22520/2-01 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 or Amphenol 11-8674-12 or 11-8794-12 or MS27495A12 or MS27534-12	M81969/8-10 or M81969/14-04 or Amphenol 11-8675-12 or 11-8795-12 or MS27495R12 or MS27534-12
Raychem 5022E5111	21-033122-541 (M39029/28-409) (L-2035-C)	21-033121-541 (M39029/27-402) (L-2035-E)					
Raychem 9530A5314	21-033122-543† (L-2035-M)	21-033121-543† (L-2035-N)					
Raychem 9527A1318	21-033122-544 (L-2035-R)	21-033121-544 (L-2035-S)					
Gore GWN1159A	21-033122-545 (L-2035-U)	21-033121-545 (L-2035-V)					
	21-033122-547† (L-2035-X)	21-033121-547† (L-2035-Y)					

MIL-DTL-38999 CONTACT DATA

All contacts mate with other contacts in this series which have the same inner and outer contact diameters.

NOTE: SAE AS39029 supersedes MIL-C-39029

**Termination instructions are packaged with each contact and can be found on-line at: www.amphenol-aerospace.com/serviceinstructions.asp

JT Example:	Socket 21-033121-564 on RG-196A/U cable will mate with pin 21-033122-563 on RG-188A/U cable which is used in both this and the LJT-R series.
LJT, TV, SJT, Amphe-Lite Example:	Socket 21-033123-564 on RG-196A/U cable will mate with pin 21-033122-563 on RG-188A/U cable which is used in both this and the JT-R series.

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

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LJT-R, MIL-DTL-38999 Series I; TV-R, MIL-DTL-38999 Series III; Amphe-Lite and SJT-R Series, SAE AS39029 (28, 59, 60, 75, 76, 77)

COAX CONTACTS FOR USE IN LJTR, TVR, AMPHE-LITE AND SJTR CONNECTORS

Cable	Contact Part Number		Contact Size	Crimping Tools		Installation Tools	
	Pin	Socket		Inner Contact	Crimp Ferrule	Insertion	Removal
RG-178B/U, RG-196A/U	21-033122-564 (M39029/76-425) <i>(L-2035-AG)</i>	21-033123-564 (M39029/77-429) <i>(L-2035-AJ)</i>	16	M22520/2-01 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	21-033122-562† <i>(L-2035-AN)</i>	21-033123-562† <i>(L-2035-AR)†</i>				Amphenol 11-8674-16 11-8794-16 or MS27495A16	Amphenol 11-8675-16 11-8795-16 or MS27495R16
Haveg 61-02051	21-033122-561† <i>(L-2035-AK)†</i>	21-033123-561† <i>(L-2035-AM)†</i>				MS27534-16	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) Raychem 7528H1424 AA3248, Teledyne 11299	21-033122-563 (M39029/76-424) <i>(L-2035-AD)</i>	21-033123-563 (M39029/77-428) <i>(L-2035-AF)</i>	12	M22520/2-01 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
	21-033122-546 (M39029/28-211) <i>(L-2035-F)</i>	21-033123-546 (M39029/75-416) <i>(L-2035-H)</i>				Amphenol 11-8674-12 11-8794-12 or MS27495A12	Amphenol 11-8675-12 11-8795-12 or MS27495R12
	21-033122-541 (M39029/28-409) <i>(L-2035-C)</i>	21-033123-541 (M39029/75-417) <i>(L-2035-D)</i>				MS27534-12	MS27534-12
RG-180B/U, RG-195A/U, Raychem 9528A1318	21-033122-543† <i>(L-2035-M)†</i>	21-033123-543† <i>(L-2035-P)</i>	8	M22520/2-01 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
Raychem 5022E5111	21-033122-544† <i>(L-2035R)</i>	21-033123-544† <i>(L-2035-T)†</i>					
Raychem 9530A5314	21-033122-545† <i>(L-2035-U)†</i>	21-033123-545† <i>(L-2035-W)</i>					
Raychem 9527A1318	21-033122-585 <i>(L-2035-GG)</i>	21-033123-585 <i>(L-2035-GH)</i>	8	M22520/2-01 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
Raychem 9527A1314	21-033122-547 <i>(L-2035-X)†</i>	21-033123-547 <i>(L-2035-Z)†</i>					
Gore GWN1159A, Nexans RG179-DT	21-033122-589 <i>(L-2035-GR)</i>	21-033123-589 <i>(L-2035-GT)</i>					
M/A-Com 5M2869-001	21-033102-023† <i>(L-1107-C)</i>	21-033101-023† <i>(L-1107-G)</i>	8	M22520/2-01 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-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	21-033102-024* <i>(L-1107-D)</i>	21-033101-024* <i>(L-1107-H)</i>					
RG-142B/U, RG-223/U, SF-142 (solder inner conductor)	21-033102-024* <i>(L-1107-D)</i>	21-033101-024* <i>(L-1107-H)</i>					

NOTE: SAE AS39029 supersedes MIL-C-39029
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.
CHART CONTINUES ON NEXT PAGE

† Consult Amphenol Aerospace for current release of this contact or instruction sheet if applicable.

†† When inner contact is installed by crimping only. 11-10134 Expander Tool Kit must be used to assemble rear insulator over contact.

**Termination instructions are packaged with each contact and can be found on-line at: www.amphenol-aerospace.com/serviceinstructions.asp