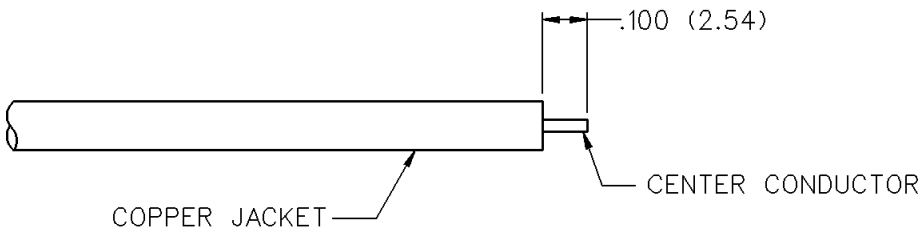
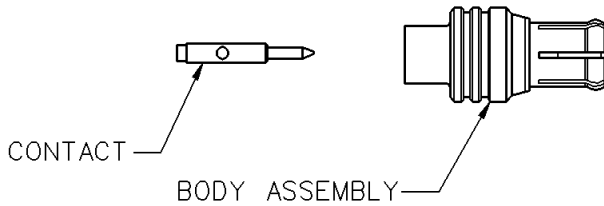


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133-3302-401/406	4
133-3303-001/006	4
133-3303-401/406	4
133-3304-001/006	4
133-3304-401/406	4
133-3402-001/006	4
133-3402-101/106	6
133-3403-001/006	4
133-3403-101/106	6
133-3404-001/006	4
133-3404-101/106	6
133-3407-101/106	6
133-3433-001/006	4
133-3433-101/106	6
133-3693-001	2
133-3693-006	2
133-3693-101	3
133-3693-106	3
133-5302-401/406	4
133-5303-401/406	4
133-5304-401/406	4
133-5402-001/006	4
133-5402-101/106	6
133-5403-001/006	4
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133-5404-001/006	4
133-5404-101/106	6
133-8333-001	5
133-8333-401	5
133-8334-001	5
133-8334-401	5
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133-8434-101	7
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133-8445-101	7

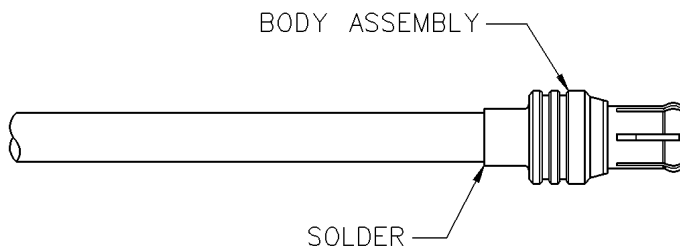
Assembly Instructions

MCX SOLDER TYPE STRAIGHT PLUG FOR SEMI-RIGID CABLE

CABLE GROUP	PART NUMBER
RG 405/u	133-3693-001
(.086 semi-rigid)	133-3693-006

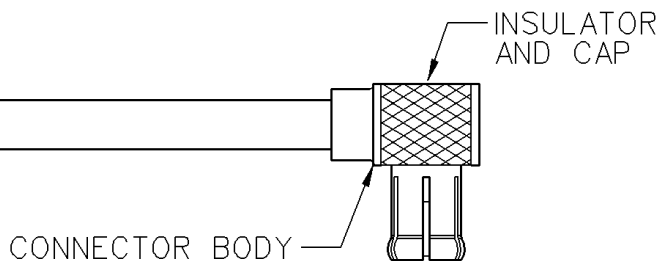
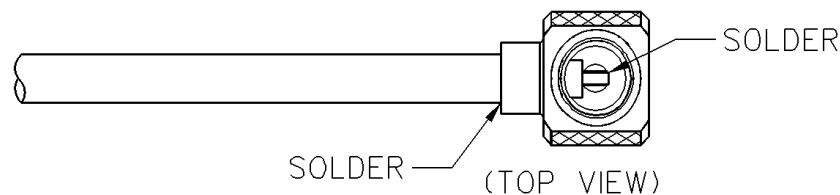
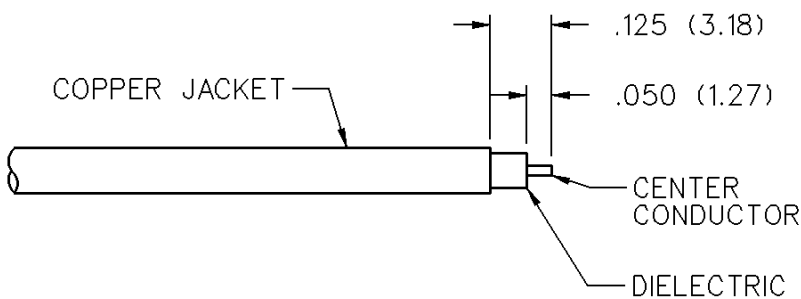
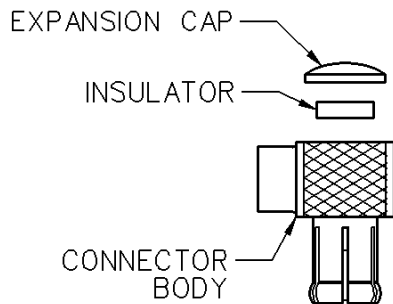


1. Identify connector parts. (2 piece parts)
2. Strip cable to dimensions shown. Do not nick center conductor.
3. Place center contact on center conductor making sure contact bottoms against cable insulation. Solder center conductor to center contact through solder hole. Solder **must not** be allowed to run on outside of contact. Use a minimum amount of solder for a good joint. **.020 (0.51) diameter solder is recommended.** Trim excess insulation.
4. Insert contact and cable into body assembly making sure cable is bottomed against insulator in body. Solder body to cable. Use a minimum amount of heat to minimize cable insulation movement.



MCX SOLDER TYPE RIGHT ANGLE PLUG FOR SEMI-RIGID CABLE

CABLE GROUP	PART NUMBER
RG 405/u	133-3693-101
(.086 semi-rigid)	133-3693-106

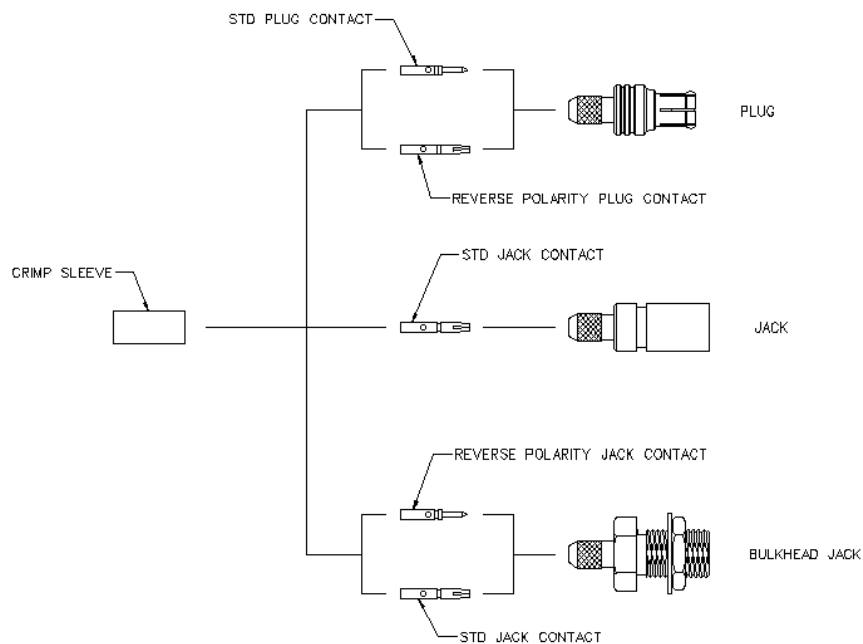
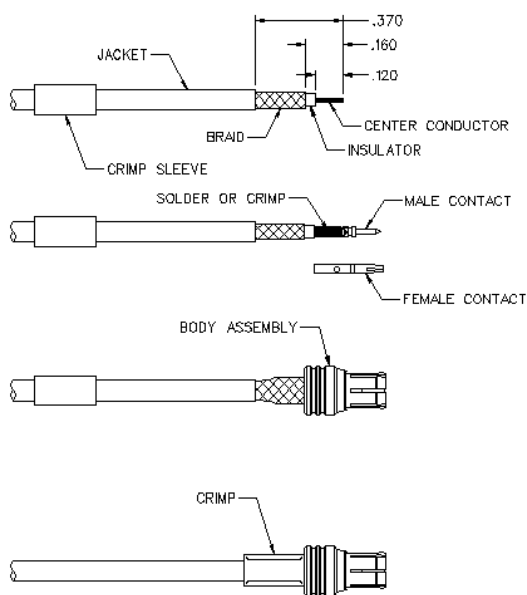


1. Identify connector parts. (3 piece parts)
2. Strip cable to dimensions shown. Do not nick center conductor.
3. Insert cable into body making sure cable insulation bottoms on center contact. Solder center conductor to contact through the rear access port. Use a minimum amount of solder for a good joint. **.020 (0.51) diameter solder is recommended.**
4. Solder body to cable. Use a minimum amount of heat to minimize cable insulation movement. Assemble insulator then place expansion cap in access port and seat with a .156 (3.96) diameter punch or hand tool 141-0000-908.

Assembly Instructions

MCX CRIMP TYPE STRAIGHT CONNECTORS FOR FLEXIBLE CABLE

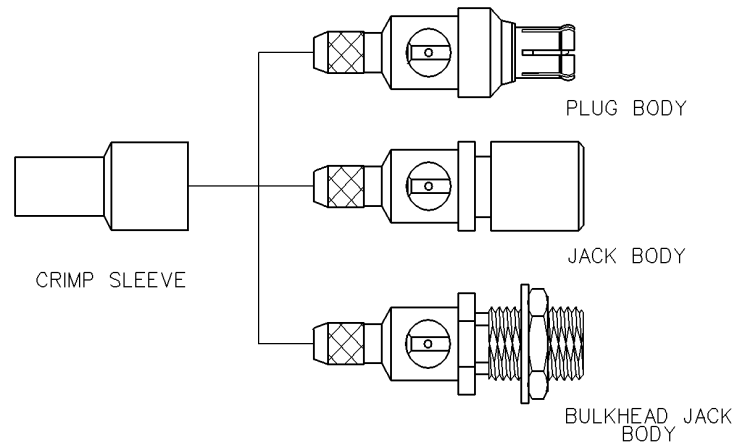
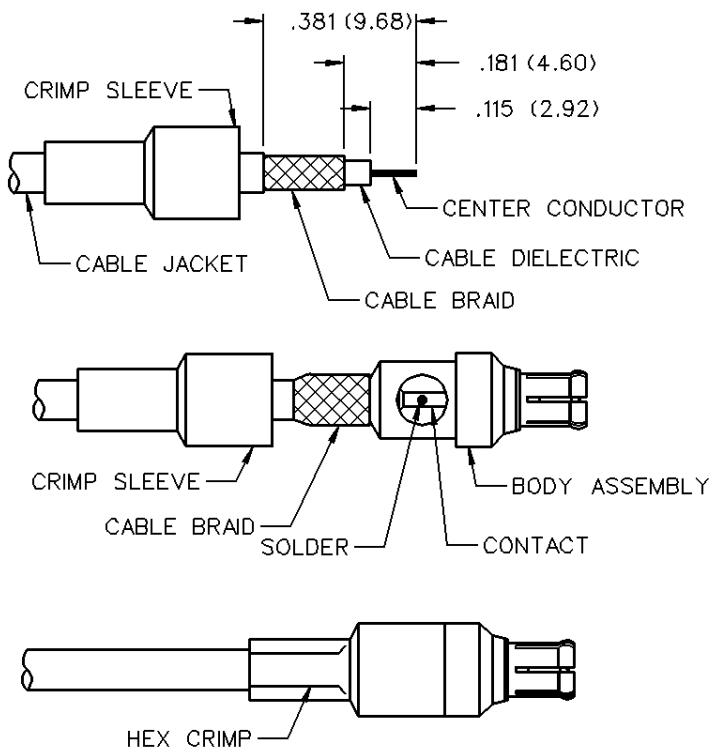
CABLE GROUP	PART NUMBER	CRIMP HEX
RG 178/u, 196	133-3302-001/006	.105 (2.67)
	133-3302-401/406	.105 (2.67)
RG 316/u, 161, 174, 188	133-3303-001/006	.128 (3.25)
	133-3303-401/406	.128 (3.25)
RG 316DS, 188DS	133-3304-001/006	.151 (3.83)
	133-3304-401/406	.151 (3.83)
RG 178/u, 196	133-3402-001/006	.105 (2.67)
RG 316/u, 161, 174, 188	133-3403-001/006	.128 (3.25)
RG 316DS, 188DS	133-3404-001/006	.151 (3.83)
RG 179/u, 187	133-3433-001/006	.128 (3.25)
RG 178/u, 196	133-5302-401/406	.105 (2.67)
RG 316/u, 161, 174, 188	133-5303-401/406	.128 (3.25)
RG 316DS, 188DS	133-5304-401/406	.151 (3.83)
RG 178/u, 196	133-5402-001/006	.105 (2.67)
RG 316/u, 161, 174, 188	133-5403-001/006	.128 (3.25)
RG 316DS, 188DS	133-5404-001/006	.151 (3.83)



1. Identify connector parts. (3 piece parts except bulkhead)
2. Strip cable to dimensions shown. Do not nick braid or center conductor. Tin center conductor if contact is to be solder attached. Do not tin center conductor if contact is to be crimp attached. Slide heat shrink (as applicable) and crimp sleeve onto jacket of cable.
3. Assemble contact onto cable as shown.
Solder attachment. Solder contact to center conductor through solder hole using .020 (0.51) diameter solder. Use a minimum of solder for a good joint.
Crimp attachment. Crimp contact to center conductor using Johnson Components® hand tool 140-0000-952 and die set 140-0000-953. Crimp location should be centered between end of contact and cross hole. Crimp attachment to solid center conductor cable is not recommended.
4. Flair braid and slide body assembly over contact and under braid. Then seat body assembly firmly onto contact. The cable may have to be held in a clamping fixture. Arrange braid uniformly around crimp stem. Slide crimp sleeve forward and crimp using recommended crimp tool. Slide heat shrink forward and shrink (as applicable).

MCX CRIMP TYPE STRAIGHT CONNECTORS FOR FLEXIBLE CABLE - 75 OHM

CABLE GROUP	PART NUMBER	CRIMP HEX
RG 179	133-8433-001	.128 (3.25)
RG 179DS	133-8434-001	.151 (3.83)
RG 179	133-8333-001	.128 (3.25)
RG 179DS	133-8334-001	.151 (3.83)
RG 179	133-8333-401	.128 (3.25)
RG 179DS	133-8334-401	.151 (3.83)
BELDEN 735A	133-8445-001	.151 (3.83)

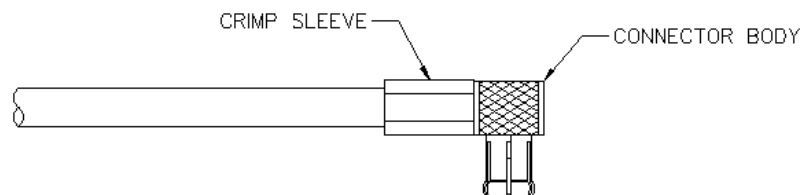
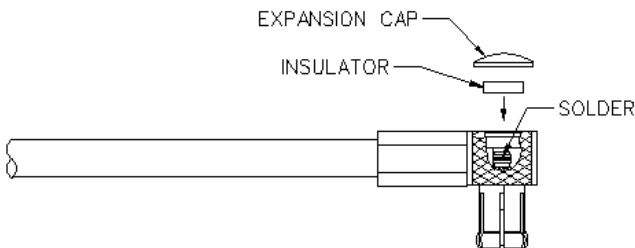
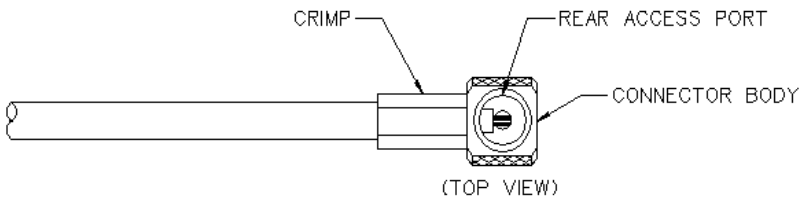
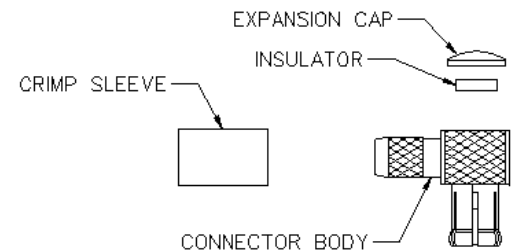
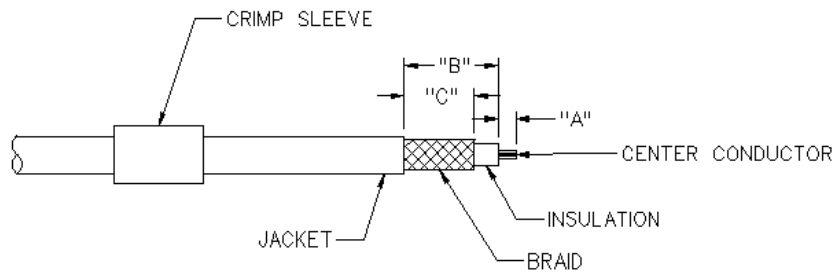


1. Identify connector parts. (2 piece parts - except bulkhead)
2. Strip cable to dimensions shown. Do not nick braid or center conductor. A wire stripper of correct size is recommended for this step. Twist stranded center conductor into tight bundle and tin (optional). Slide crimp sleeve onto cable as shown.
3. Flare braid and slide cable into body making certain that the cable dielectric bottoms against center contact.
Solder: Solder center conductor to contact through the side access ports and hole in center contact. Use a minimum amount of solder for a full fillet joint. **.015 (0.38) diameter solder is recommended.**
Crimp: Crimp Contact Attachment: Crimp contact using 141-0000-924 dieset in 144-0000-900 tool frame.
4. Arrange braid uniformly around crimp stem. Slide crimp sleeve over braid and access ports. Crimp securely using recommended hex size and crimp tool.

Assembly Instructions

MCX CRIMP TYPE RIGHT ANGLE PLUGS FOR FLEXIBLE CABLE

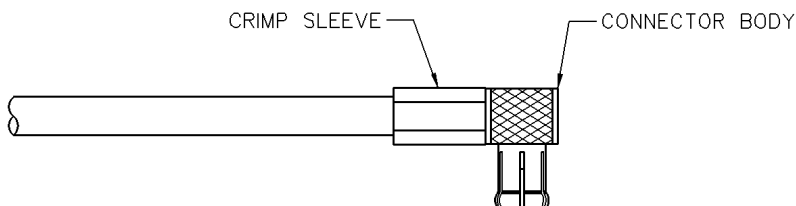
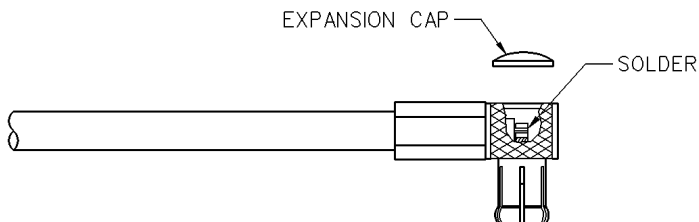
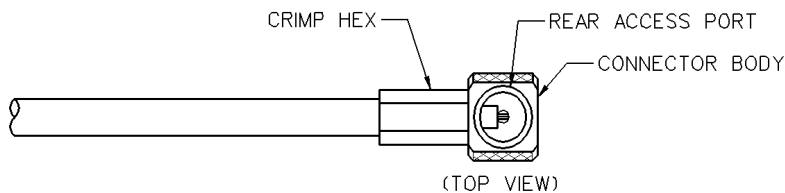
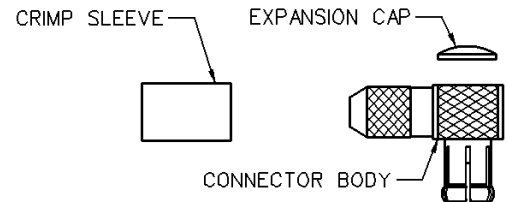
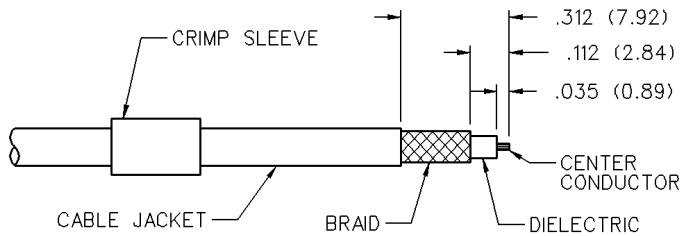
CABLE GROUP	PART NUMBER	"A"	"B"	"C"	CRIMP HEX
RG 178/u, 196	133-3402-101/106	.050 (1.27)	.270 (6.86)	.200 (5.08)	.105 (2.67)
RG 188/u, 316, 161, 174	133-3403-101/106	.050 (1.27)	.270 (6.86)	.200 (5.08)	.128 (3.25)
RG 316DS, 188DS	133-3404-101/106	.050 (1.27)	.270 (6.86)	.200 (5.08)	.151 (3.83)
RG 179/u, 187	133-3433-101/106	.050 (1.27)	.270 (6.86)	.200 (5.08)	.128 (3.25)
RG 178/u, 196	133-5402-101/106	.050 (1.27)	.270 (6.86)	.200 (5.08)	.105 (2.67)
RG 188/u, 316, 161, 174	133-5403-101/106	.050 (1.27)	.270 (6.86)	.200 (5.08)	.128 (3.25)
RG 316DS, 188DS	133-5404-101/106	.050 (1.27)	.270 (6.86)	.200 (5.08)	.151 (3.83)
RG 58/u, 303, 141	133-3407-101/106	.067(1.70)	.295 (7.49)	.210 (5.33)	.213 (5.41)



1. Identify connector parts. (4 piece parts except RG-58)
2. Strip cable to dimensions shown. Do not nick braid or center conductor. A wire stripper of correct size is recommended for this step. Twist stranded center conductor into tight bundle and tin (optional). Slide crimp sleeve onto cable shown.
3. Flair braid and slide cable into body making certain that the cable insulation bottoms on center contact. Arrange braid uniformly around crimp stem. Slide crimp sleeve over braid and crimp securely using recommended crimp tool.
4. Solder center conductor to contact through rear access port. Use a minimum amount of solder for a full fillet joint. **.020 (0.51) diameter solder is recommended.**
5. Assemble insulator if applicable then place expansion cap in access port and seat with .156 (3.96) diameter flat punch or MCX hand assembly tool 141-0000-908. Shrink heat shrink tubing over crimp sleeve if applicable.

MCX CRIMP TYPE RIGHT ANGLE PLUGS FOR FLEXIBLE CABLE - 75 OHM

CABLE TYPE	PART NUMBER	CRIMP HEX
RG 179	133-8433-101	.128 (3.25)
RG 179DS	133-8434-101	.151 (3.83)
BELDEN 735A	133-8445-101	.151 (3.83)



1. Identify connector parts.
2. Strip cable to dimensions shown. Do not nick braid or center conductor. A wire stripper of correct size is recommended for this step. Twist stranded center conductor into tight bundle and tin (optional). Slide crimp sleeve onto cable as shown.
3. Flair braid and slide cable into body making certain that the cable dielectric bottoms on center contact. Arrange braid uniformly around crimp stem. Slide crimp sleeve over braid and crimp securely using recommended crimp tool.
4. Solder center conductor to contact through rear access port. Use a minimum amount of solder for a full fillet joint. **.020 (0.51) diameter solder is recommended.**
5. Place expansion cap in access port and seat with .156 (3.96) diameter flat punch or MCX hand assembly tool 141-0000-908. Shrink heat shrink tubing over crimp sleeve if applicable.