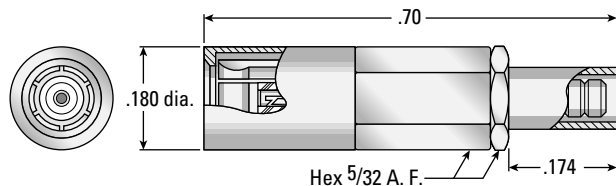


SSMB Cable Connectors

Click on part number to go directly to cable assembly instructions

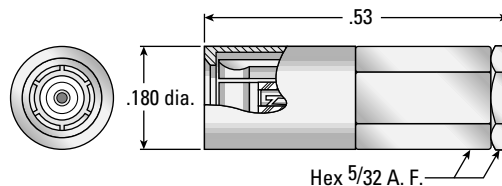
Straight Cable Plugs

Crimp type for flexible cable



AEP P/N
7202-1572-0XX*

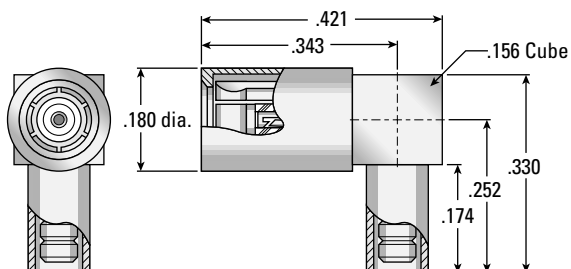
Solder type for semi-rigid cable



AEP P/N
7202-1542-0XX*

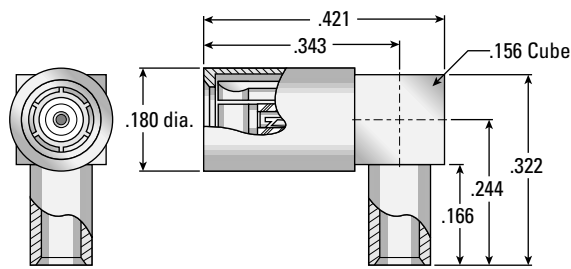
Right Angle Cable Plugs

Crimp type for flexible cable



AEP P/N
7405-1521-0XX*

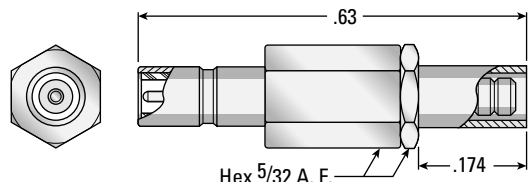
Solder type for semi-rigid cable



AEP P/N
7405-1561-0XX*

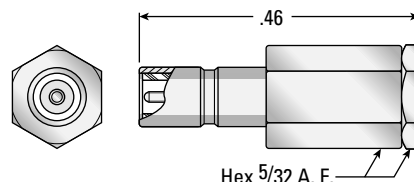
Straight Cable Jacks

Crimp type for flexible cable



AEP P/N
7201-1571-0XX*

Solder type for semi-rigid cable



AEP P/N
7201-1541-0XX*

*Substitute the appropriate cable group number for "XX" when ordering:

GROUP	CABLE TYPES	GROUP	CABLE TYPES	GROUP	CABLE TYPES
02	RG178, RG196, M17/93, M17/169	05	RG178DS, RG196DS	19	RG174DS, RG316DS, M17/151, M17/152, Times RD-316
03	RG174, RG179, RG316, M17/113, M17/119, M17/172, M17/189	10	.085" semi-rigid, RG405, M17/133	21	.056" semi-rigid
		11	.047" semi-rigid, M17/151		



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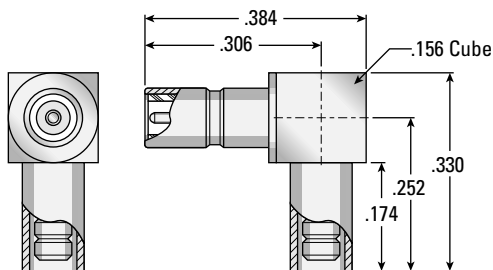
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SSMB Cable Connectors

Click on part number to go directly to cable assembly instructions

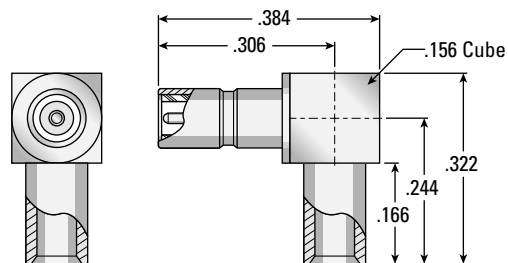
Right Angle Cable Jacks

Crimp type for flexible cable



AEP P/N
[7441-1521-0XX*](#)

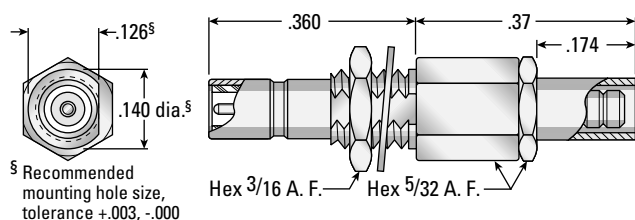
Solder type for semi-rigid cable



AEP P/N
[7441-1561-0XX*](#)

Straight Bulkhead Mounted Cable Jacks (.093" max panel thickness)

Crimp type for flexible cable

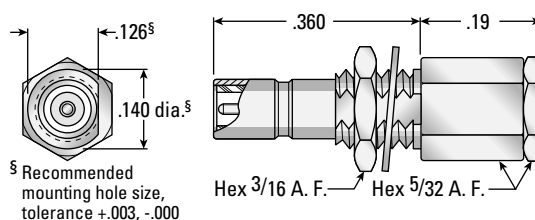


§ Recommended mounting hole size, tolerance +.003, -.000

Hex 3/16 A. F. Hex 5/32 A. F.

AEP P/N
[7203-1571-0XX*](#)

Solder type for semi-rigid cable



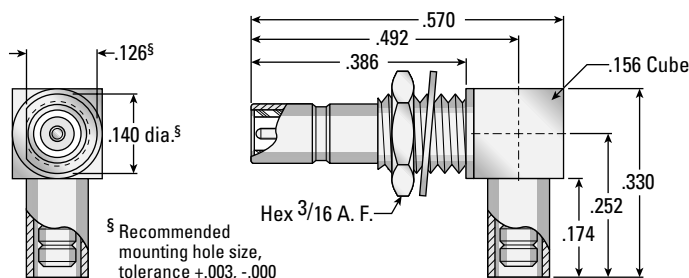
§ Recommended mounting hole size, tolerance +.003, -.000

Hex 3/16 A. F. Hex 5/32 A. F.

AEP P/N
[7203-1541-0XX*](#)

Right Angle Bulkhead Mounted Cable Jacks (.125" max panel thickness)

Crimp type for flexible cable

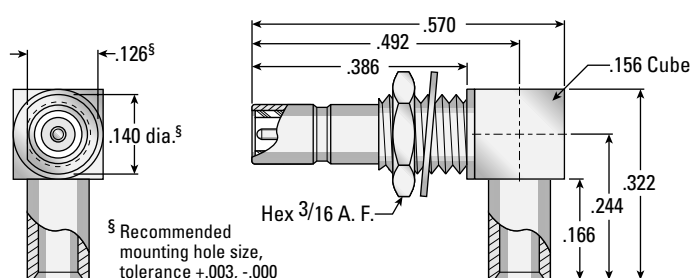


§ Recommended mounting hole size, tolerance +.003, -.000

Hex 3/16 A. F.

AEP P/N
[7406-1521-0XX*](#)

Solder type for semi-rigid cable



§ Recommended mounting hole size, tolerance +.003, -.000

Hex 3/16 A. F.

AEP P/N
[7406-1561-0XX*](#)

These connectors can be supplied with other mating end lengths to accommodate a wide range of panel thicknesses—contact factory for availability.

*Substitute the appropriate cable group number for "XX" when ordering:

GROUP	CABLE TYPES	GROUP	CABLE TYPES	GROUP	CABLE TYPES
02	RG178, RG196, M17/93, M17/169	05	RG178DS, RG196DS	19	RG174DS, RG316DS, M17/151, M17/152, Times RD-316
03	RG174, RG179, RG316, M17/113, M17/119, M17/172, M17/189	10	.085" semi-rigid, RG405, M17/133	21	.056" semi-rigid
		11	.047" semi-rigid, M17/151		



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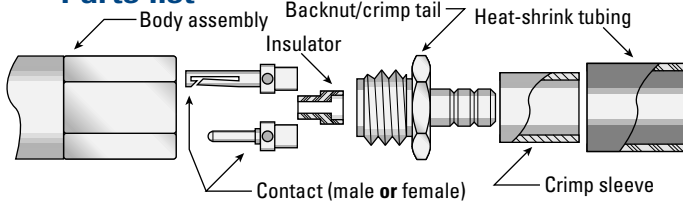
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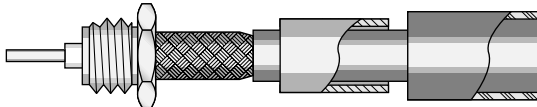
Cable Assembly Instructions

Straight Connectors—Flexible Cable

Parts list

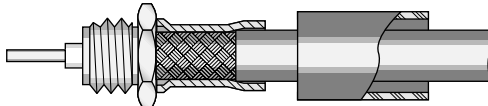


1



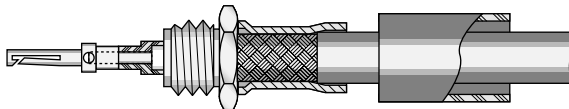
- Trim cable per trim code below; tin end of center conductor.
- Slide heat-shrink tubing and crimp sleeve over cable.
- Flare cable braid by rotating dielectric and slide cable into crimp tail.

2



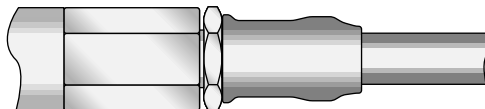
- Position cable so braid touches rear of back nut.
- Slide crimp sleeve forward to touch rear of back nut.
- Crimp braid with appropriate die size from chart below.

3



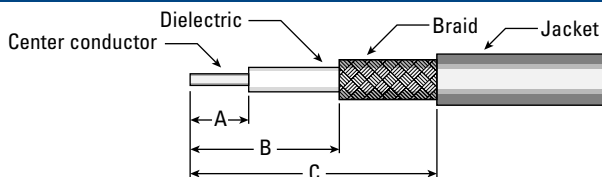
- Assemble insulator and contact onto cable dielectric and center conductor.
- Solder contact to center conductor by heating rear of contact (do not feed additional solder through inspection hole in contact).

4



- Insert cable assembly into body assembly. Tighten to 25–45 inch-ounces torque.
- Slide shrink tubing over crimp sleeve and shrink to fit.

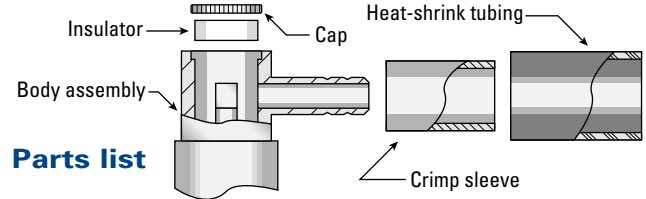
Cable Trim Dimensions



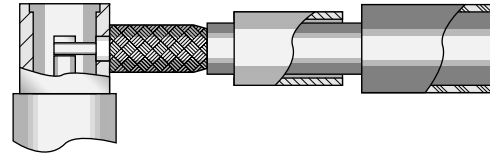
CONNECTOR TYPE	A	B	C
STRAIGHT CONNECTORS	.125	.300	.490
STRAIGHT P.C. BOARD TERMINATIONS	.060	.100	.230
RIGHT ANGLE CONNECTORS	.050	.100	.250

Right Angle Connectors—Flexible Cable

Parts list

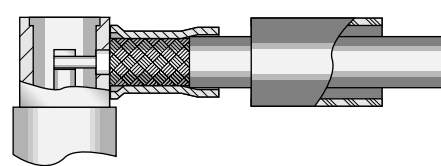


1



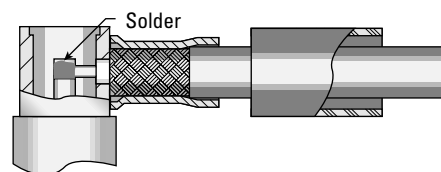
- Trim cable per trim code below; tin end of center conductor.
- Slide heat-shrink tubing and crimp sleeve over cable.
- Flare cable braid by rotating dielectric and slide cable into crimp tail.

2



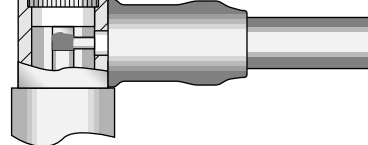
- Position cable so braid touches rear of body assembly.
- Slide crimp sleeve forward to touch rear of body assembly.
- Crimp braid with appropriate die size from chart below.

3



- Solder center conductor into notch in rear of contact with .025–.032" diameter chisel-tip soldering iron.
- Solder should cover center conductor, but not extend over top of notch in contact, or exceed contact diameter.

4



- Place insulator in body cavity, and press cap into place. Properly assembled cap will be slightly below end of body assembly.
- Slide shrink tubing over crimp sleeve and shrink to fit.

Crimp Die Sizes

CABLE GROUP	HEX DIE SIZE
02	.105
03	.128
05	.128
19	.128



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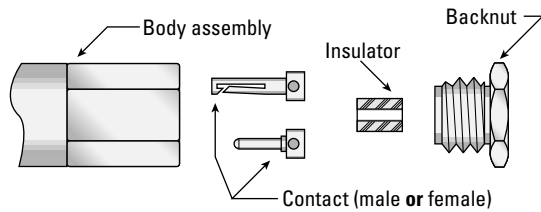
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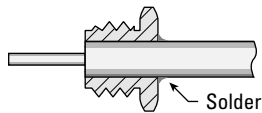
Cable Assembly Instructions

Straight Connectors—Semi-Rigid Cable

Parts list

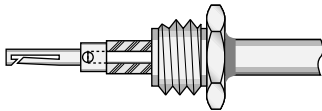


1



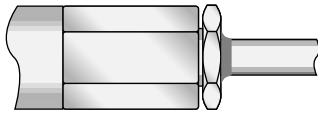
- Trim cable per trim code below; tin end of center conductor.
- Insert cable into backnut until trimmed end of jacket is flush with front of back nut.
- Solder cable jacket to back nut. Retrim dielectric flush if necessary.

2



- Assemble insulator and contact onto cable dielectric and center conductor.
- Solder contact to center conductor by heating rear of contact (do not feed additional solder through inspection hole in contact).

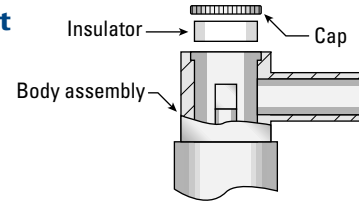
3



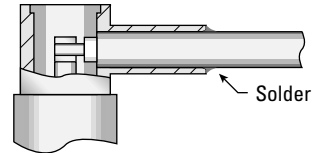
- Insert cable assembly into body assembly. Tighten to 25–45 inch-ounces torque.

Right Angle Connectors—Semi-Rigid Cable

Parts list

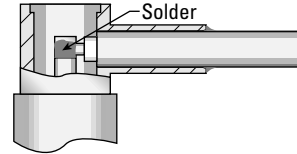


1



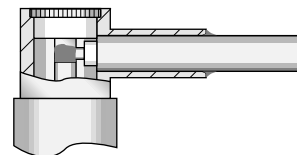
- Trim cable per trim code below; tin end of center conductor.
- Insert trimmed cable into body until jacket bottoms on step inside body and center conductor is in contact slot.
- Solder cable jacket to body assembly.

2



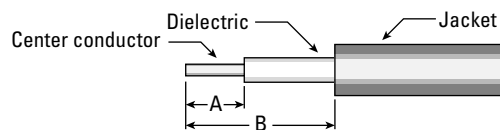
- Solder center conductor into notch in rear of contact with .025–.032" diameter chisel-tip soldering iron.
- Solder should cover center conductor, but not extend over top of notch in contact, or exceed contact diameter.

3



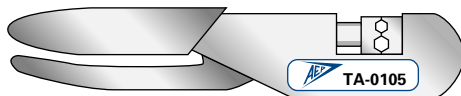
- Place insulator in body cavity, and press cap into place. Properly assembled cap will be slightly below end of body assembly.

Cable Trim Dimensions



CONNECTOR TYPE	A	B
STRAIGHT CONNECTORS	.125	.125
RIGHT ANGLE CONNECTORS	.060	.120

Assembly Tools

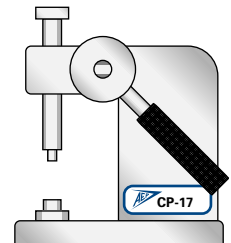


DESCRIPTION	AEP P/N
Crimp tool with .105" and .128" hex dies	TA-0105



DESCRIPTION	AEP P/N
Torque wrench with 5/32" jaws for SSMC plug coupling nuts and straight connector backnuts; 30 inch-ounces torque	TA-0432

DESCRIPTION	AEP P/N
Capping tool (arbor press) with bases for SSMB/SSMC/SSLB right angle plugs and jacks	CP-17



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