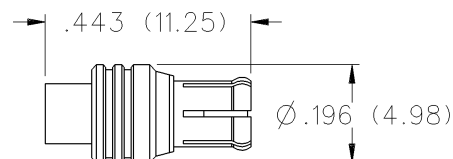
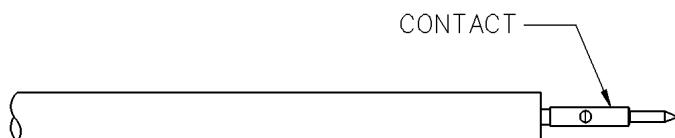
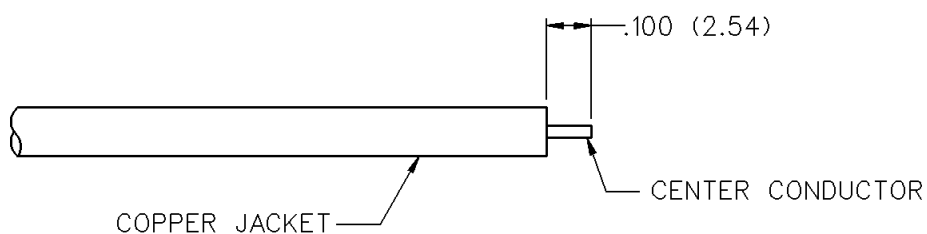
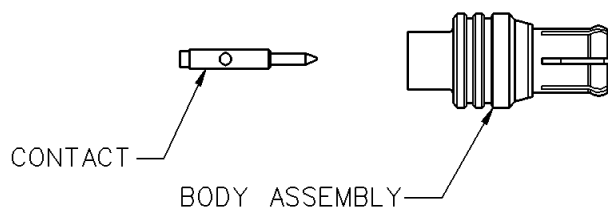


MCX 50 Ohm Straight Solder Type Plug

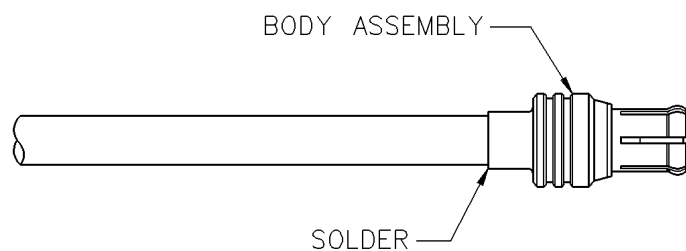


CABLE TYPE	GOLD PLATED	NICKEL PLATED
.086 Semi-rigid	133-3693-001	133-3693-006



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.



Specifications



** All gold plated parts include a .00005" min. nickel underplate barrier layer.

Mounting Hardware: Brass (nuts) per QQ-B-626 or phosphor bronze (lockwashers) QQ-B-750, gold plated per MIL-G-45204 .00001" min. or nickel plated per QQ-N-290

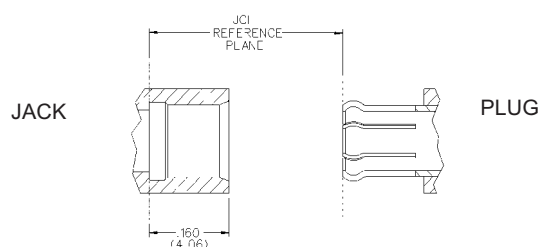
Technical drawings of two components, JACK and PLUG, showing dimensions and tolerances.

JACK:

- REFERENCE PLANE
- Dimensions: $.0315 \pm .0020$ (0.80 $\pm$ 0.05), $.110$ (2.80) MAX, $\phi .019 - \phi .021$ (0.48-0.53), $\phi .010$ (0.25) MAX FLAT POINT, $\phi .136 \pm .001$ (3.45 $\pm$ 0.03), 20° , 45° , $\phi .078$ MAX (1.98), $\phi .145 \pm .003$ (3.68 $\pm$ 0.08), $\phi .150$ (3.81) MIN, $.162$ MAX (4.11), $.110$ MAX (2.80), $.000$ MIN.
- NOTE 1: Points to the internal thread.

PLUG:

- Dimensions: $.163$ MIN (4.14), $.000$ MIN, $\phi .135$ (3.43) MAX, $\phi .078$ (1.98) MIN, $.006$ (0.15) MIN, $.047$ (1.19) MAX, $.110$ (2.79) MIN, $.110$ (2.79) MIN.
- NOTE 2: Points to the internal thread.



1. ID of contact to meet VSWR mating characteristics and connector durability when mated with a dia. .019-.021 (0.48-0.53) male contact.
2. Must meet the force to engage and disengage when mated with mating part.