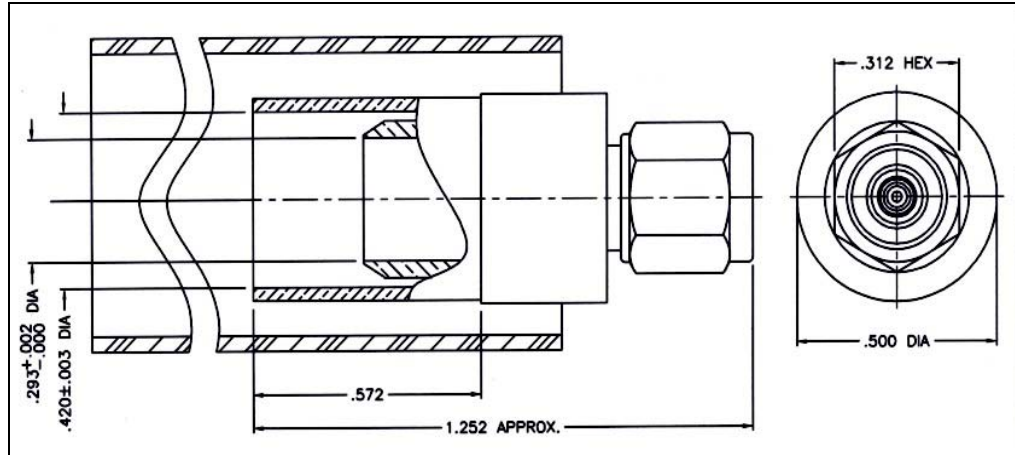


LTR	DESCRIPTION	DATE	BY
-	Released	1/22/97	JCL
A	Redrawn; New Sketch	4/8/03	JCL



#### I. MATERIALS & FINISHES

center contact: Gold Plated Beryllium Copper  
 outer contact: Nickel Plated Brass  
 coupling nut: Stainless Steel  
 body: Nickel Plated Brass  
 crimp sleeve: Nickel Plated Copper  
 dielectric: Teflon® PTFE  
 gasket: Silicone Rubber  
 shrink sleeve: Adhesive Lined Polyolefin  
 attachment: braid crimp

#### II. ELECTRICAL PROPERTIES

impedance: 50 ohms  
 working voltage: 375 vrms (max)  
 vswr: 1.25:1 (max) up to 2.5 GHz  
 insertion loss:  $0.10 \times \sqrt{F_{ghz}}$

Unless otherwise specified, dimensions are in inches. Tolerances are applicable when specified.

These drawings and specifications contain proprietary information which is the property of Times Microwave Systems.

#### Approvals

Drawn	JCL	1/22/97



#### TIMES MICROWAVE SYSTEMS

Wallingford, CT 06492  
 (203) 949-8400; (203) 949-8423.Fax  
 www.timesmicrowave.com

#### TC-400-SM

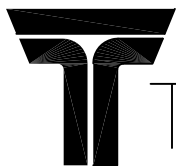
Type-SMA male (plug)  
 for LMR-400 Cable

Size A	CAGE CODE 68999	Drawing No.: 3190-439
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Scale: NA

Rev. (A)

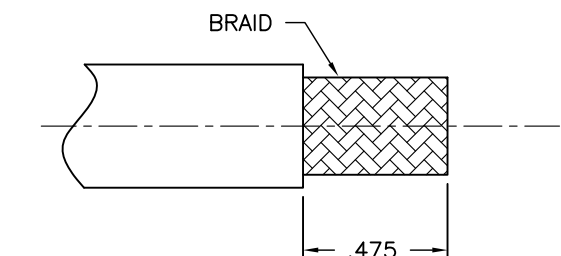
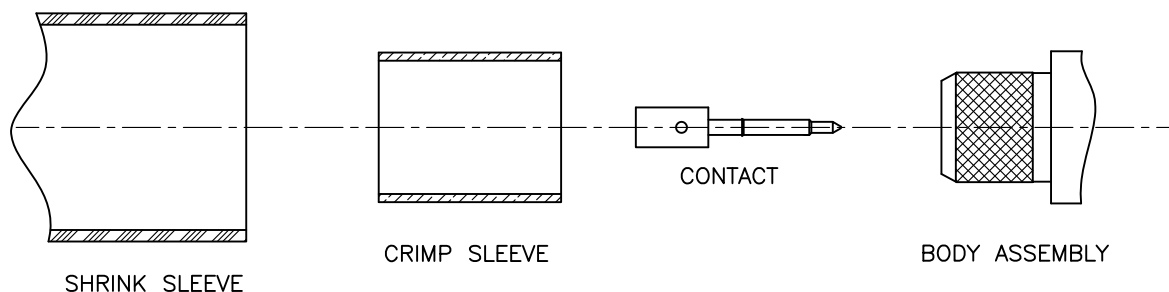
Sheet: 1 of 1



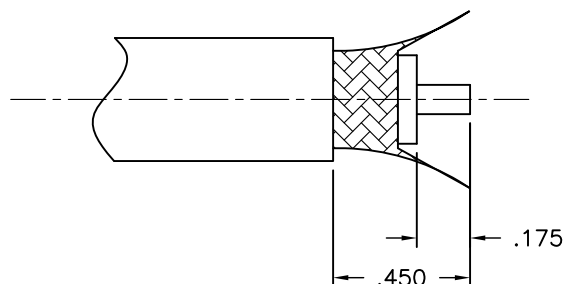
# TIMES MICROWAVE SYSTEMS

## INSTALLATION INSTRUCTIONS TC-400-SM (3190-439) (Cable Types: LMR-400)

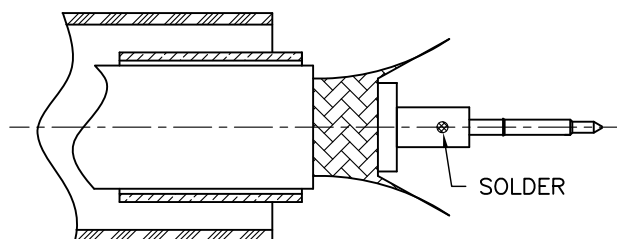
358 Hall Avenue/P.O. Box 5039  
Wallingford, CT 06492-5039  
Tel: 203-949-8400  
FAX: 203-949-8423  
1-800-TMS-COAX  
www.timesmicrowave.com



1. A. Trim cable per dimensions shown.

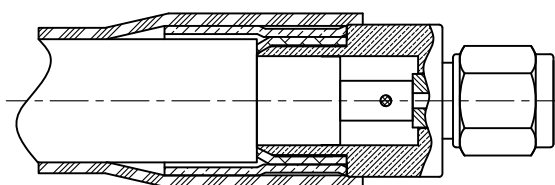


2. A. Pull braids back off cable dielectric and trim dielectric & center conductor to dimensions shown. Remove any residual plastic from the center conductor and deburr center conductor using a fine file.



3. A. Solder contact to center conductor, making sure back end of contact is flush with trimmed end of cable dielectric. Use minimal heat to minimize melting of foam dielectric. Inspect to be sure aluminum foil is not touching center contact.

- B. Slide crimp sleeve & shrink sleeve over cable.



4. A. Insert cable into connector until contact shoulder is flush with insulator, with all braid wires on the outside of the connector body and aluminum tape inside connector body. Trim braid wires flush with shoulder of body.  
B. Slide crimp sleeve forward and crimp as close as possible to body using a .429" hex die. Use Times HX-4 crimp tool or equivalent. Do not crimp rear of crimp sleeve.  
C. Slide shrink sleeve into place and heat shrink over rear of body with hot air gun.