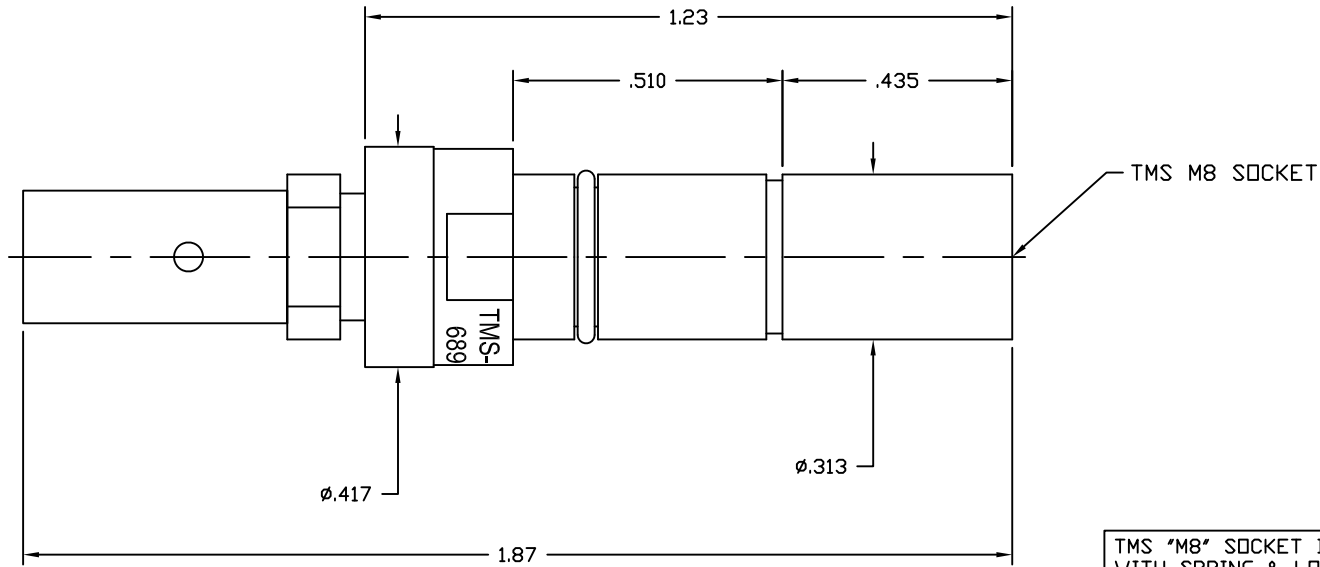


**NOTICE OF PROPRIETARY RIGHTS**

THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT THE PRIOR WRITTEN CONSENT OF TIMES MICROWAVE SYSTEMS.

SD18788

SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	<i>M.N.N.</i>	11/23/16	<i>J.D.B.</i>	12/20/16

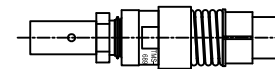


**NOTES:**

1. SPRING AC4048 AND LOCK RING AC4049 ARE SUPPLIED WITH THE CONNECTOR AND ARE NECESSARY TO HOLD THE CONTACT IN THE MULTIPOINT CONNECTOR SHELL. THE SPRING AND THE RING ARE SUPPLIED UNINSTALLED.
2. INSTALLATION TOOL TN2964 (AC4319) OR TN2478 (AC4034) IS REQUIRED FOR ASSEMBLY AND REMOVAL OF THE CONNECTOR IN THE MULTIPOINT CONNECTOR SHELL.

AC5090	
AC4048	
AC4049	

TMS "M8" SOCKET INTERFACE WITH SPRING & LOCK RING INSTALLED



DRAFTSMAN	<i>Nemer Noujaim</i>	11/23/16
CHECKER	<i>John D. Bloomfield</i>	12/20/16
APPROVED	<i>John D. Bloomfield</i>	12/20/16

UNLESS OTHERWISE SPECIFIED  
 ALL DIMENSIONS ARE IN INCHES  
 MACHINED SURFACES FINISH N/A RMS MAX.  
 REMOVE ALL BURRS .005 MAX. BREAK  
 MACHINE CORNERS .005 MAX. FILLET R.  
 TOLERANCES ON DECIMALS  
 .XX ± .03 .XXX ± .005  
 ANGLES ± 1° FRACTIONS ± 1/32

<b>TIMES MICROWAVE SYSTEMS</b>		
TITLE: CONNECTOR ASSEMBLY FLS-50117M8S-117S FOR CABLE SFT-142		
DWG. SIZE	<b>B</b>	DRWG. NO. SD18788
CODE IDENT.	68999	SCALE: NONE SHEET: 1 of 2

013169  
 W.O. NUMBER  
**MATERIAL:**  
 SEE TABLE

DIELECTRICS	TEFLON, ASTM D1710	NONE
TRANSFER BODY	BRASS, ASTM B16	TRI-METAL PLATE
R. F. BODY	BERYLLIUM COPPER, ASTM B196	GOLD PLATE, MIL-DTL-45204
CONTACT	BERYLLIUM COPPER, ASTM B196	GOLD PLATE, MIL-DTL-45204
PART NAME	MATERIAL & SPEC. NUMBER	FINISH & SPEC. NUMBER

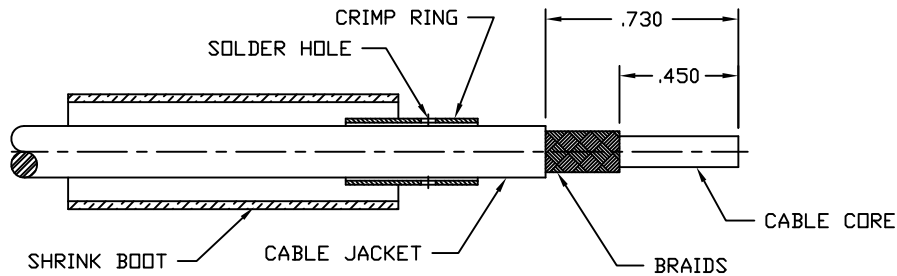
**NOTICE OF PROPRIETARY RIGHTS**

THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT THE PRIOR WRITTEN CONSENT OF TIMES MICROWAVE SYSTEMS.

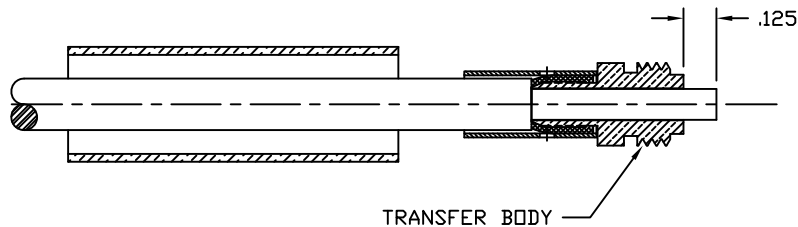
SD18788

SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	<i>N.N.N</i>	11/23/16	<i>J.D.B.</i>	12/20/16

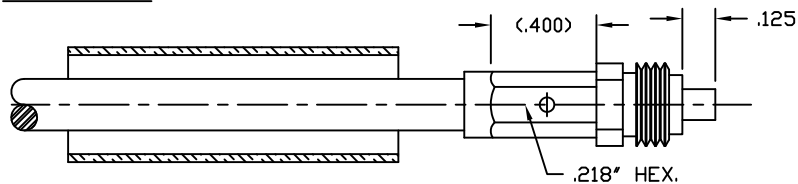
1. NOTE THAT THE CONNECTOR ADDS .922" TO THE LENGTH OF THE CABLE. SLIDE THE SHRINK BOOT AND CRIMP RING ONTO THE CABLE. THE SOLDER HOLE ON THE CRIMP RING SHOULD BE CLOSEST TO THE END OF THE CABLE. TRIM THE JACKET AND BRAIDS TO THE DIMENSIONS SHOWN BELOW AND REMOVE THE TAPE BETWEEN THE BRAIDS.



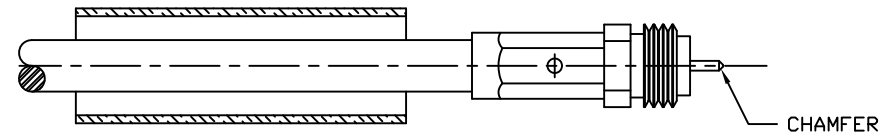
2. SLIDE THE TRANSFER BODY OVER THE CABLE CORE AND UNDER THE BRAID UNTIL THERE IS .125" OF CORE PROTRUDING OUT THE FRONT OF THE TRANSFER BODY. SLIDE THE CRIMP RING OVER THE BRAIDS AND AGAINST THE TRANSFER BODY.



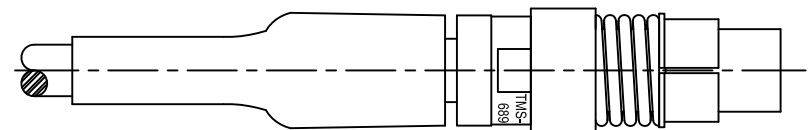
3. SLIDE CRIMP SLEEVE OVER BRAIDS AND AGAINST TRANSFER BODY SHOULDER. IF NEEDED, TRIM AWAY ANY EXCESS BRAIDS. CHECK FOR .125 PROJECTION. CRIMP THE SLEEVE NEXT TO THE TRANSFER BODY WRENCH FLATS USING .218" HEX DIE, IN-2777-9 OR DANIELS #Y143 CLOSURE "B".



4. TRIM THE CABLE CORE FLUSH WITH THE END OF THE TRANSFER BODY BEING CAREFUL NOT TO NICK THE CABLE CENTER CONDUCTOR. CHAMFER THE END OF THE CENTER CONDUCTOR.



5. APPLY THREAD LOCKER TO THE THREADS OF THE TRANSFER BODY AND SCREW ON THE CONNECTOR BODY. TORQUE CONNECTOR BODY AND TRANSFER BODY TO 20 INCH-POUNDS. A 1/4" AND 3/8" WRENCH ARE REQUIRED. SHRINK THE BOOT AS SHOWN.



013169
W.O. NUMBER
MATERIAL:
SEE TABLE

DRAFTSMAN	<i>Nemer Noujaim</i>	11/23/16
CHECKER	<i>John D. Bloomfield</i>	12/20/16
APPROVED	<i>John D. Bloomfield</i>	12/20/16

UNLESS OTHERWISE SPECIFIED  
 ALL DIMENSIONS ARE IN INCHES  
 MACHINED SURFACES FINISH N/A RMS MAX.  
 REMOVE ALL BURRS .005 MAX. BREAK  
 MACHINE CORNERS .005 MAX. FILLET R.  
 TOLERANCES ON DECIMALS  
 .XX ± .03 .XXX ± .005  
 ANGLES ± 1° FRACTIONS ± 1/32  
 DO NOT SCALE DRAWING

<b>TIMES MICROWAVE SYSTEMS</b>		
TITLE: CONNECTOR ASSEMBLY FLS-50117M8S-117S FOR CABLE SFT-142		
DWG. SIZE	<b>B</b>	DRWG. NO. SD18788
CODE IDENT.	68999	SCALE: NONE SHEET: 2 of 2