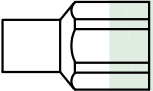
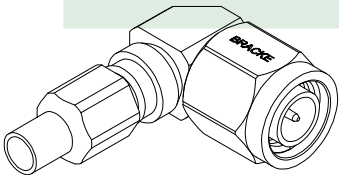


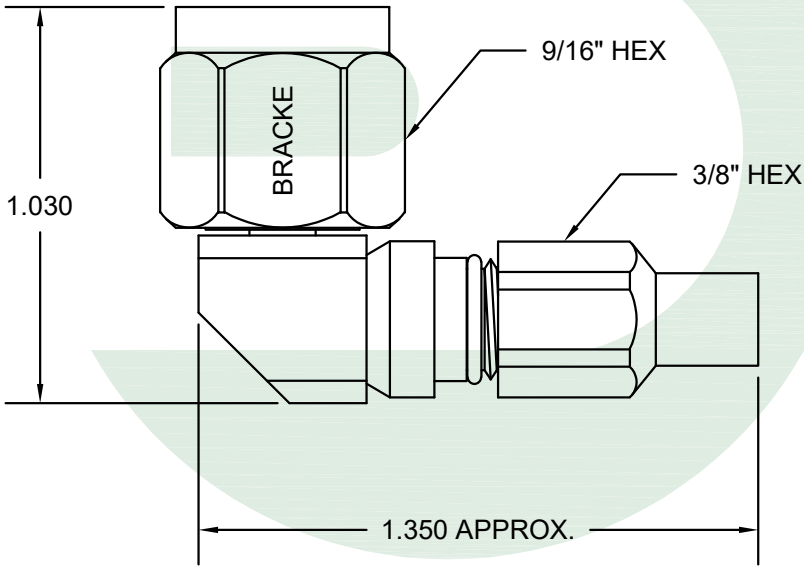
MATERIALS	
BODY	PASSIVATED STAINLESS STEEL
SOLDER SLEEVE	GOLD PLATED
CONTACT	GOLD PLATED
INSULATOR	PTFE

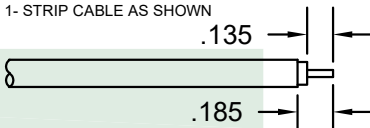
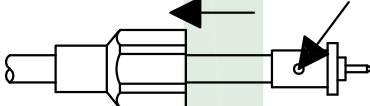
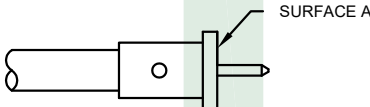
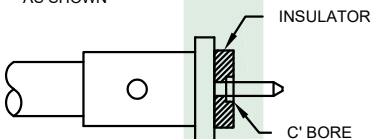
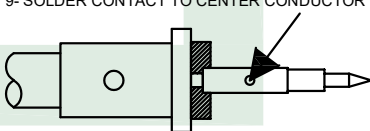
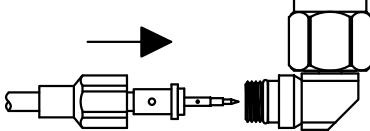
HARDWARE	
	
	
CLAMP NUT	SOLDER SLEEVE INSULATOR CONTACT

ELECTRICAL & ENVIRONMENTAL CHARACTERISTICS	
IMPEDANCE	50 OHMS
INSULATION RESISTANCE	5,000 MΩ
OPERATING FREQUENCY	18 GHz
DIELECTRIC WITHSTANDING VOLTAGE	1,000 Vrms
VSWR TYPICAL	1.20:1
INSERTION LOSS TYPICAL	.05 √ Freq. GHz
OPERATING TEMPERATURE	-65 to +165 C°
VOLTAGE RATING	500 VOLTS
INTERFACE	MIL-STD-348
VIBRATION	MIL-STD-202 METHOD 204, CONDITION A
CORROSION	MIL-STD-202 METHOD 101, CONDITION B



Scale 1:1



ASSEMBLY	1- STRIP CABLE AS SHOWN	
	2- REMOVE BURRS AND SHARP EDGES FROM COPPER JACKET WITH SCOTCH BRITE (FOR COPPER CABLES ONLY)	
	3- FILE END OF THE CENTER CONDUCTOR TO A 30° ANGLE	
	4- SLIDE CLAMP NUT AND SOLDER SLEEVE ON CABLE	
	5- SOLDER THE SOLDER SLEEVE TO CABLE	
	6- TRIM DIELECTRIC FLUSH TO SURFACE A AS SHOWN	
	7- INSTALL INSULATOR AND ORIENT C'BORE AS SHOWN	
	8- BOTTOM CONTACT AGAINST THE INSIDE OF THE INSULATOR AS SHOWN.	
	9- SOLDER CONTACT TO CENTER CONDUCTOR	
	10- INSERT SUBASSEMBLY INTO CONNECTOR	
	11- TIGHTEN CLAMP NUT USING A 3/8" WRENCH	

Scale 2:1



Bracke Manufacturing, LLC
 PO Box 12319
 Newport Beach, Ca 92658
 Phone (949)756-1600 / Fax (949) 756-1601
 sales@brackemfg.com / www.brackemfg.com

Part Number	
BM61804	
Produced By	Checked By
002	014

Description	
18 GHz TNC Male Right Angle, Solder/Clamp Precision Connector 50 Ohm [RG402, RG402-Alum, RG402-Flex, RG402-Flex-Jacketed]	
Notes	
- Bracke Manufacturing, LLC reserves the right to change any specifications at any time in its sole discretion without notice. - The depiction above was produced by and is the sole property of Bracke Manufacturing, LLC and may not be copied or reproduced in any manner without Bracke's prior written consent.	
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CAGE / NAGE	
6L0W2	
Unit	
Inches	
Date	Revision
1/09/2026	A-01