
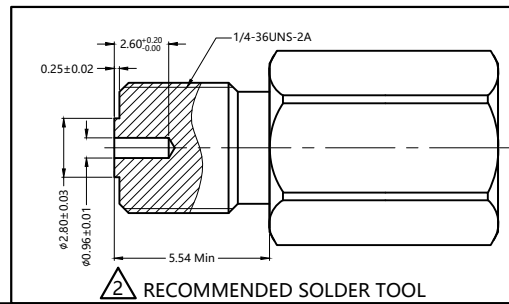
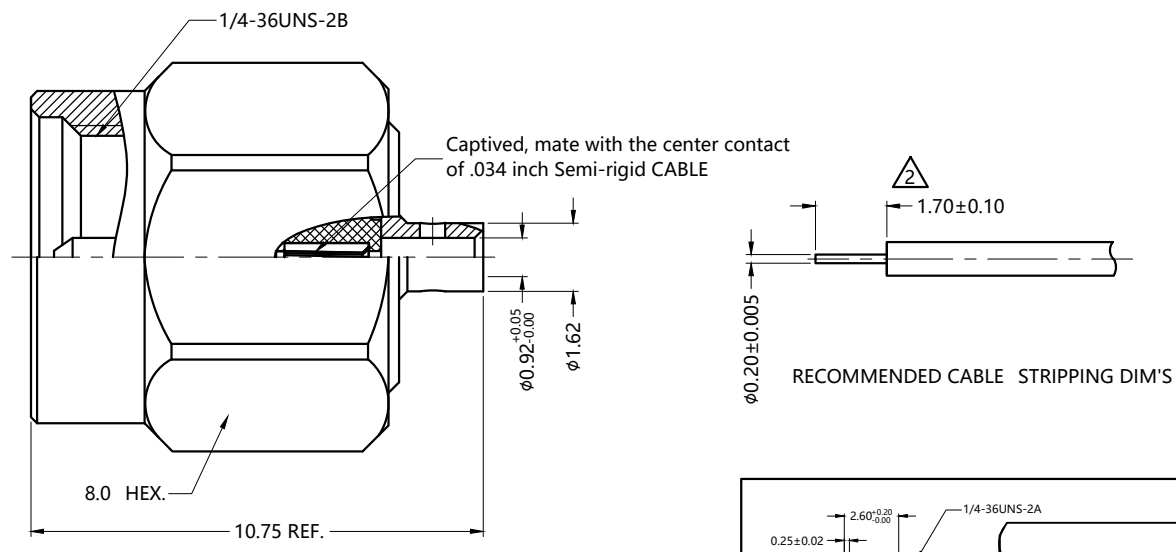


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0	FIRST EDITION	N/A	SYH	2020-08-26	
1	INCREASE DETAIL DIMENSIONS	N/A	SYH	2020-08-28	
2	ADD RECOMMENDED SOLDER TOOL	N/A	SYH	2020-09-24	

NON-MAGNETIC



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	Be-Cu C17300	GOLD PL./COPPER
CONTACT PIN	Be-Cu C17300	GOLD PL./COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
GASKET	SILICONE	RED
SHELL	Be-Cu C17300	GOLD PL./COPPER

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	175 V(rms)
FREQUENCY RANGE	DC ~ 18 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>500 V
CONTACT RESISTANCE	CENTER CONTACT
	OUTER CONTACT
	<3.0 mΩ
	<2.0 mΩ
INSULATION RESISTANCE	>5000 MΩ
INSERTION LOSS	According to the cable
VSWR	<1.30
3RD INTERMODULATION	N/A

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	> 4 lbs
RECOMMENDED COUPLING TORQUE	7~10 in.lbs
COUPLING NUT RETENTION FORCE	> 60 lbs
DURABILITY	> 500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C ~ +125 °C

CUSTOMER OUTLINE DRAWING

UNLESS OTHERWISE SPECIFIED:
 1) EDGES : C0.15 MAX ;
 2) REMOVE ALL BURRS ;
 3) SURFACE ROUGHNESS : Ra1.6 ;
 4) UNITS : mm ;
 5) DIMENSIONS TOLERANCES
 DECIMALS : .x ±0.3 .xx ±0.2 .xxx±0.1 ;
 ANGLES : ± 5°.

THIRD ANGLE PROJECTION	
APPROVED :	CUSTOMER P/N :
CHECKED :	SCALE : 6 : 1
DRAWING :	DATE : 2020-09-24
	PAGE : 1/1



TITLE : SMA MALE S/T SOLDER FOR .034 inch Semi-rigid CABLE,50Ω
 DRAWING NO. : NM-5MAM15S-A627
 COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING