
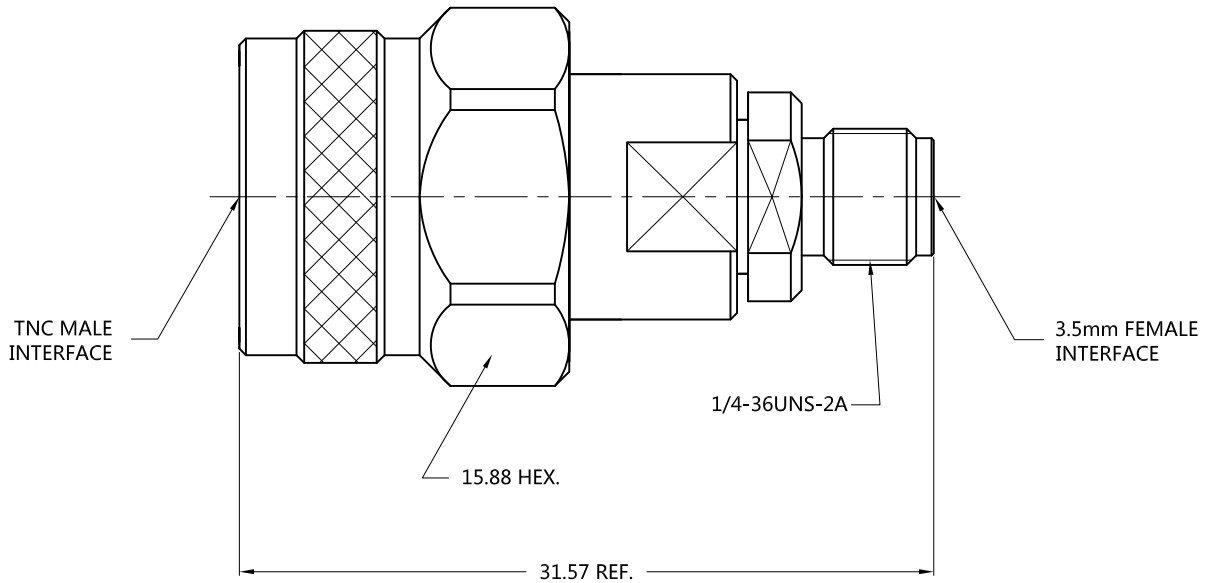


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0	FIRST EDITION	N/A	CLOUD	2012-08-23	
1	UPDATE DRAWING	N/A	JASON	2020-04-29	



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY/SHELL	BRASS	ALBALOY 80u"/COPPER
CONTACT PIN	Be-Cu C17300	GOLD 30u"/COPPER
INSULATOR	TEFLON MIL-P-19468	N/A
GASKET	SILICONE	N/A

ELECTRICAL CHARACTERISTICS		
IMPEDANCE	50 Ω	
VOLTAGE RATING	335 V(rms)	
FREQUENCY RANGE	0 ~ 6 GHz	
DIELECTRIC WITHSTANDING VOLTAGE	> 500 V	
CONTACT RESISTANCE	CENTER CONTACT	< 3.0 mΩ
	OUTER CONTACT	< 2.0 mΩ
INSULATION RESISTANCE	> 5000 MΩ	
INSERTION LOSS	< 0.1x√F(GHz) dB	
VSWR	< 1.15	

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

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-65 °C ~ +165 °C
THERMAL SHOCK	US MIL- STD 202, Meth. 107, Cond. B
VIBRATION	US MIL- STD 202, Meth. 204, Cond. B
SHOCK	US MIL- STD 202, Meth. 213, Cond. I
CLIMATIC CLASS	IEC 60068 65/165/21

*** 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 :

3 : 1

DRAWING :

JASON

DATE : 2020-04-29

PAGE : 1/1



TITLE : TNC MALE TO 3.5mm FEMALE ADAPTER

DRAWING NO. : 5TCM06S-P3F

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING