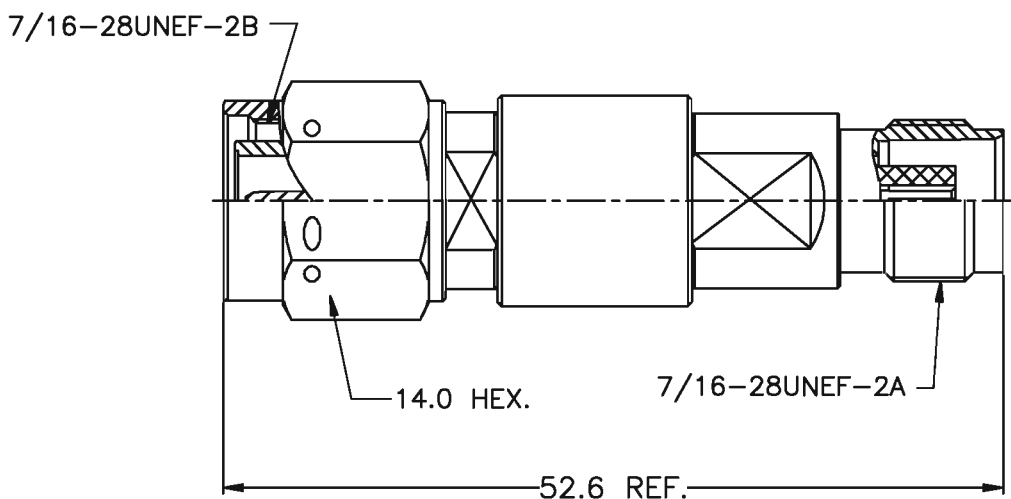


REV	DESCRIPTION	ECN NO.	NAME	DATE



### ALL PARTS SATISFIED ROHS REQUIREMENTS

材料与电镀(MATERIALS AND PLATING)		UNIT: MICRO-INCHES
主体 BODY	不锈钢303 STAINLESS STEEL	钝化 PASSIVATION
外壳 SHELL	黄铜C3604 BRASS	铜底,镍镀 200 MIN NICKEL 200 MIN/COPPER
中心针 CONTACT PIN	铍铜 C17300 BERYLLIUM COPPER	铜底,镍底,镀金50 MIN GOLD 50 MIN / NICKEL/COPPER
绝缘体 INSULATOR	聚四氟乙烯 TEFLON MIL-P-19468	N/A
密封圈 GASKET	硅橡胶 SILICONE	红色 RED

电气性能(ELECTRICAL CHARACTERISTICS)	
特性阻抗 (Impedance)	50 Ω
频率范围 (Frequency range)	0~18 GHz
工作电压(Voltage rating)	500 V(rms)
介电耐压(Dielectric withstanding voltage)	750 V
接触电阻 (Contact resistance)	内导体(Center contact) ≤ 3 mΩ 外导体(Outer contact) ≤ 2 mΩ
绝缘电阻 (Insulation resistance)	≥ 5000 MΩ
插入损耗(Insertion loss)	N/A
射频泄漏(RF-leakage)	N/A
电压驻波比(VSWR)	≤ 1.45 @ 0-18GHz
三阶互调 (3rd Intermodulation)	N/A

机械特性(MECHANICAL CHARACTERISTICS)	
插入力(Force to engage and disengage)	N/A
中心针保持力(Center contact retention force)	≥ 6 lbs
螺母扭力(Recommended coupling torque)	6-10 in-lbs
螺母拉力(Coupling nut retention force)	100 lbs MIN.
机械耐久性(Durability)	≥ 500 cycles

环境参数(ENVIRONMENTAL CHARACTERISTICS)	
工作温度(Temperature range)	-55°C - +125°C
Vibration	MIL-STD-202, Method 204, Cond B
Shock	MIL-STD-202, Method 213, Cond G
Corrosion	MIL-STD-202, Method 101, Cond B

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

PART NO.

APPROVED Arming

CHECKED Arming

DRAWN Cloud

DATE 2012-07-30

**SLK**  
— SUPERLINK —

TITLE TNC (18GHz) MALE TO FEMALE ADAPTOR

DRAWING NO.  
**5TCM06S-TCF-001**

Company Website: <http://www.superlinkrf.com>

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