



MATERIALS AND PLATING		UNIT: MICRO-INCHES	ELECTRICAL CHARACTERISTICS	
BODY/SHELL	BRASS C3604	ALBALOY 100 u"/COPPER	Impedance	50 Ω
CONTACT PIN	BRASS C3604	GOLD 50 u" /NICKEL/COPPER	Voltage rating	N/A
INSULATOR	PTFE ASTM-D-1710	N/A	Frequency range	DC ~ 2.5 GHz
GASKET	SILICONE	RED	Dielectric withstanding voltage	> 3000 V
CLAMPER	PHOSPHOR BRONZE	ALBALOY 100 u"/COPPER	Contact resistance	Center contact <1.0 mΩ Outer contact <0.2 mΩ
BARREL	BRASS C3604	ALBALOY 100 u"/COPPER	Insulation resistance	> 5000 MΩ
			Insertion loss	< 0.05√F
			RF- leakage	N/A
			VSWR	< 1.30
			3rd Intermodulation	N/A

MECHANICAL CHARACTERISTICS	
Force to engage and disengage	N/A
Cable retention force	> 120 lbs
Cable-connector anti-torque	> 30 in.lbs (With heat shrink tubing)
Coupling nut retention force	> 100 lbs
Durability	> 500 cycles

ENVIRONMENTAL CHARACTERISTICS	
Temperature range	-40 °C ~ +125 °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

***CUSTOMER OUTLINE DRAWING**

UNLESS OTHERWISE SPECIFIED: 1) 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: 3190-6770	TITLE: C Male(Plug) S/T FOR RG-213/RG-214/RG-393 CABLE
CHECKED:	SCALE: 1:1	DRAWING NO: 5CCM14S-A253
DRAWING:	DATE: 2020-03-24 COMPANY WEBSITE: www.slkcorp.com	

CUSTOMER OUTLINE DRAWING