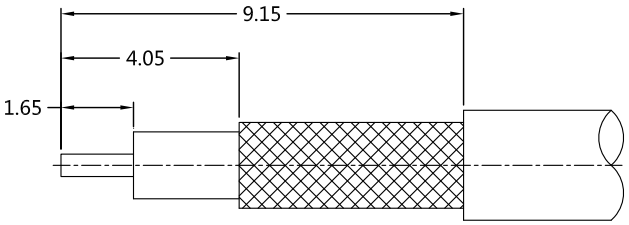
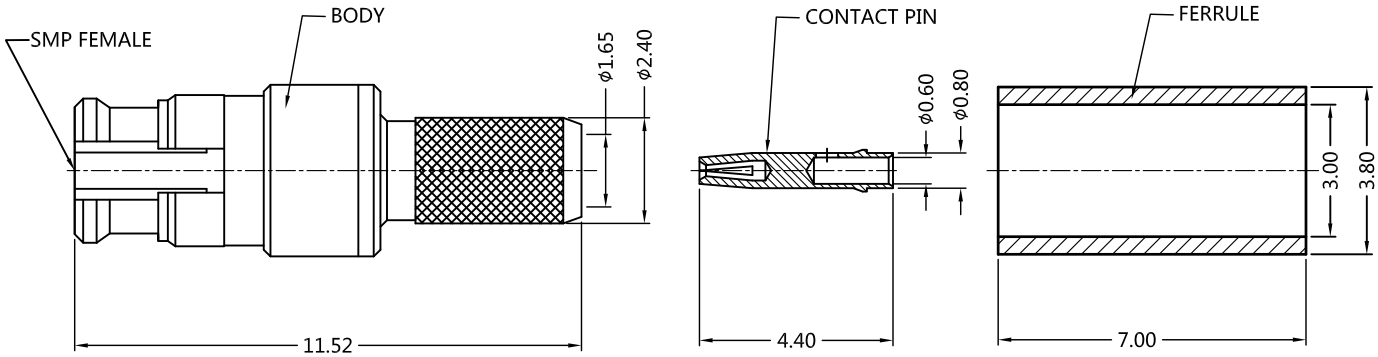
REV	DESCRIPTION	ECN NO	NAME	DATE
1	MODIFY DIMENSIONS	N/A	Flame	2014-06-24
2	NEW FRAME	N/A	LW	2020-07-14

ALL PARTS MUST MEET TO RoHS REQUIREMENTS



RECOMMENDED CABLE STRIPPING DIM'S



MATERIALS AND PLATING		UNIT: MICRO-INCHES
BODY	BRASS	GOLD 3 u"/NICKEL/COPPER
CONTACT PIN	BERYLLIUM COPPER	GOLD 5 u" /NICKEL/COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
LOCK RING	BERYLLIUM COPPER	GOLD 3 u"/NICKEL/COPPER
FERRULE	BRASS	GOLD 3 u"/NICKEL/COPPER

MECHANICAL CHARACTERISTICS		
CENTER CONTACT RETENTION FORCE		N/A
FORCE TO ENGAGE AND DISENGAGE	FULL DETENT	<15 lbs (ENGAGE FORCE)
		>5 lbs (DISENGAGE FORCE)
	LIMITED DETENT	<10 lbs (ENGAGE FORCE)
		>2 lbs (DISENGAGE FORCE)
	SMOOTH BORE	<2 lbs (ENGAGE FORCE)
		>0.5 lbs (DISENGAGE FORCE)
DURABILITY	>100 cycles (FULL DETENT); >500 cycles (SMOOTH BORE)	

ELECTRICAL CHARACTERISTICS		
IMPEDANCE		50 Ω
VOLTAGE RATING		175 V(rms)
FREQUENCY RANGE		0~6 GHz
DIELECTRIC WITHSTANDING VOLTAGE		>500 V
CONTACT RESISTANCE	CENTER CONTACT	<6.0 mΩ
	OUTER CONTACT	<2.0 mΩ
INSULATION RESISTANCE		>5000 MΩ
INSERTION LOSS		<0.1√F dB
VSWR		<1.3
3RD INTERMODULATION		N/A

ENVIRONMENTAL CHARACTERISTICS	
TEMPERATURE RANGE	-40 ℃~+165 ℃
THERMAL SHOCK	MIL- STD 202, Meth. 107,Cond. B
VIBRATION	MIL- STD 202, Meth. 204,Cond. D
SHOCK	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: -
CHECKED:	SCALE: 6:1
DRAWING:	DATE: 2020-07-14

SUPERLINK

TITLE: SMP FEMALE S/T CRIMP FOR RG-316 CABLE,50Ω

DRAWING NO: 5SPF11S-A02-002

COMPANY WEBSITE: www.slkcorp.com