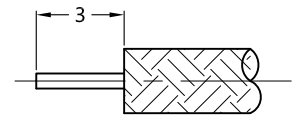


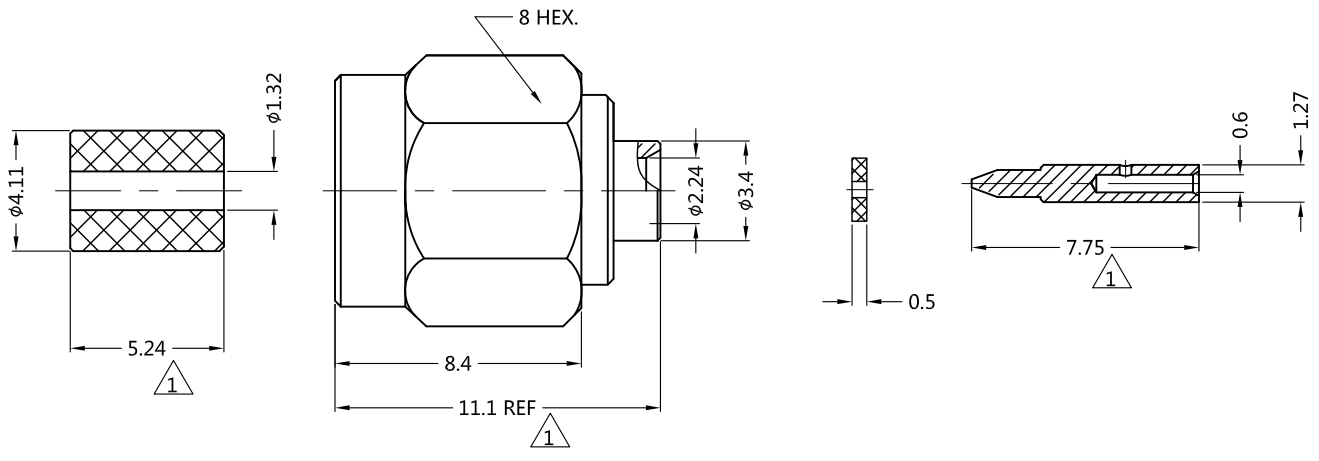
REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	Yu.liu	2010-6-02
1	UPDATE DRAWING	N/A	Kevin.Li	2020-06-19



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



RECOMMENDED CABLE STRIPPING DIM'S



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	BRASS	GOLD PLATING
INSULATOR	PTFE ASTM-D-1710	N/A
CONTACT PIN	BRASS	GOLD PLATING
SHALL	BRASS	GOLD PLATING
RING	STAINLESS STEEL	N/A

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	335V(rms)
FREQUENCY RANGE	0 ~ 24GHz
DIELECTRIC WITHSTANDING VOLTAGE	500V
CONTACT RESISTANCE	CENTER CONTACT
	OUTER CONTACT
INSULATION RESISTANCE	>5000MΩ
INSERTION LOSS	According as the cable
VSWR	1.25 MAX.(0-12.4 Ghz)
3RD INTERMODULATION	N/A

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

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-55°C- +125°C
Relative Humidity	MIL-STD-202,Method 106
Vibration	MIL-STD-202,Method 204,Cond D
Shock	MIL-STD-202,Method 213,Cond I
CORROSION	MIL-STD-202,Method 101,Cond B

*** 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 :
DRAWING :	DATE : 2020-06-19
PAGE : 1/1	

TITLE : SMA MALE FOR .086" CABLE
 DRAWING NO. : 5MAM15S-S01-013
 COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING