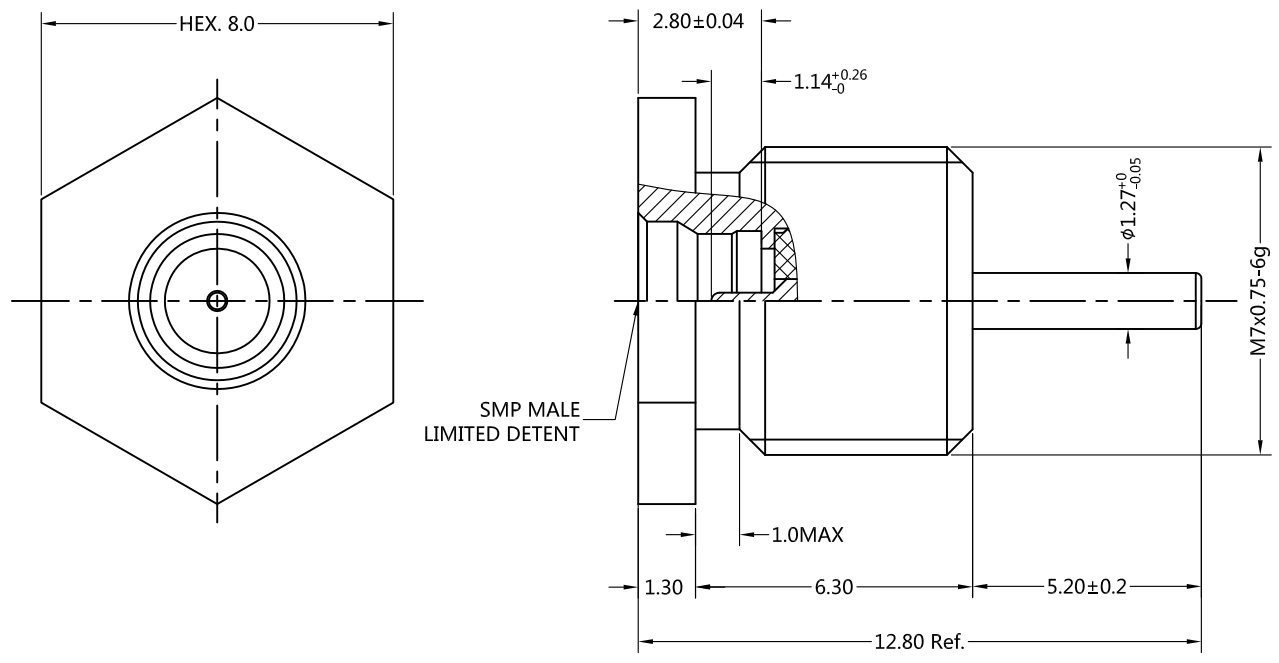


REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	SK	2014-11-26
1	REPLACE FRAME	N/A	Kevin.Li	2020-07-11



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	BRASS	ALBALOY 16 u" / COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
CONTACT PIN	PHOSPHOR BRONZE	GOLD 30 u" / COPPER

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	335V(rms)
FREQUENCY RANGE	0 ~ 18 GHz
DIELECTRIC WITHSTANDING VOLTAGE	> 500 V
CONTACT RESISTANCE	CENTER CONTACT < 6.0 mΩ
	OUTER CONTACT < 2.0 mΩ
INSULATION RESISTANCE	> 5000MΩ
INSERTION LOSS	< 0.1X√f[GHz]dB
RETURN LOSS	> 23dB @ DC to 6 GHz > 20dB @ 6 GHz to 12 GHz > 16dB @ 12 GHz to 18 GHz

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	> 1.5 lbs
DURABILITY	> 500cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C ~ +165 °C
VIBRATION	US MIL- STD 202, Meth. 204,Cond. D
SHOCK	US MIL- STD 202, Meth. 213,Cond. I
CORROSION	US MIL- STD 202, Meth. 101,Cond. B
RELATIVE HUMIDITY	MIL-STD-202,Method 106

*** 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 : 2020-07-11
PAGE : 1/1	

TITLE : SMP MALE S/T SOLDER CUP, THREAD-IN ,50Ω

DRAWING NO. : 5SPM25S-P01-023

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING