
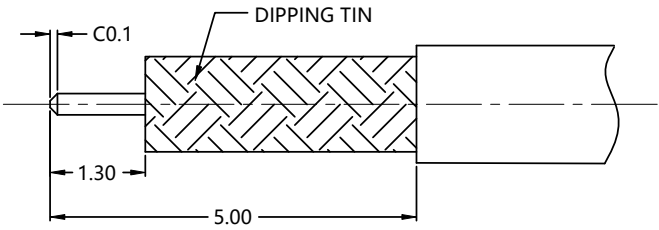
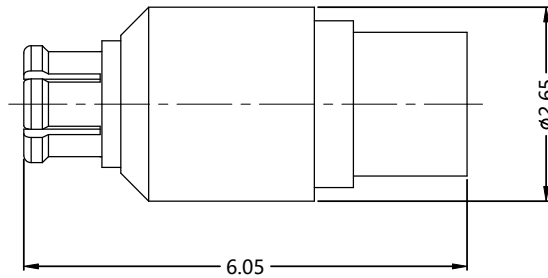
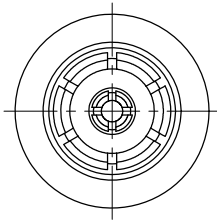


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0	FIRST EDITION	N/A	YWD	2022-06-06	

REMARKS:  
 1. BDOY TO SOLDER  
 2. CONTACT PIN TO CAPTIVE



RECOMMENDED CABLE STRIPPING DIM'S



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	BERYLLIUM COPPER	PL.GOLD/NICKEL/COPPER
INSULATOR	PTFE	N/A
CONTACT PIN	BERYLLIUM COPPER	PL.GOLD/COPPER

ELECTRICAL CHARACTERISTICS		
IMPEDANCE	50 Ω	
VOLTAGE RATING	80 V(rms)	
FREQUENCY RANGE	DC ~ 65 GHz	
DIELECTRIC WITHSTANDING VOLTAGE	>250 V	
CONTACT RESISTANCE	CENTER CONTACT	<6.0 mΩ
	OUTER CONTACT	<2.0 mΩ
INSULATION RESISTANCE	>1000 MΩ	
INSERTION LOSS	<0.10x√F(GHz)	
VSWR	<1.35 @DC~40 GHz	
3RD INTERMODULATION	N/A	

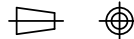
MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE(FULL DETENT)	<17.8 N
FORCE TO ENGAGE(SMOOTH BORE)	<8.9 N
FORCE TO DISENGAGE(FULL DETENT)	>8.9 N
FORCE TO DISENGAGE(SMOOTH BORE)	>1.33 N
DURABILITY(FULL DETENT)	>100 cycles
DURABILITY(SMOOTH BORE)	>500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C~+125 °C

\* 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 :

1 : 1

DRAWING :

DATE : 2022-06-06

PAGE : 1/1



TITLE : SMPS(SMP3) FEMALE ST SOLDER FOR .047" CABLE

DRAWING NO. : 5G3F15S-A420-001

COMPANY WEBSITE : www.slkcorp.com