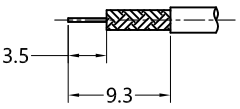
REV.	DESCRIPTION	ECN NO.	NAME	DATE
1	NEW FRAME	N/A	GUO	2020-08-11

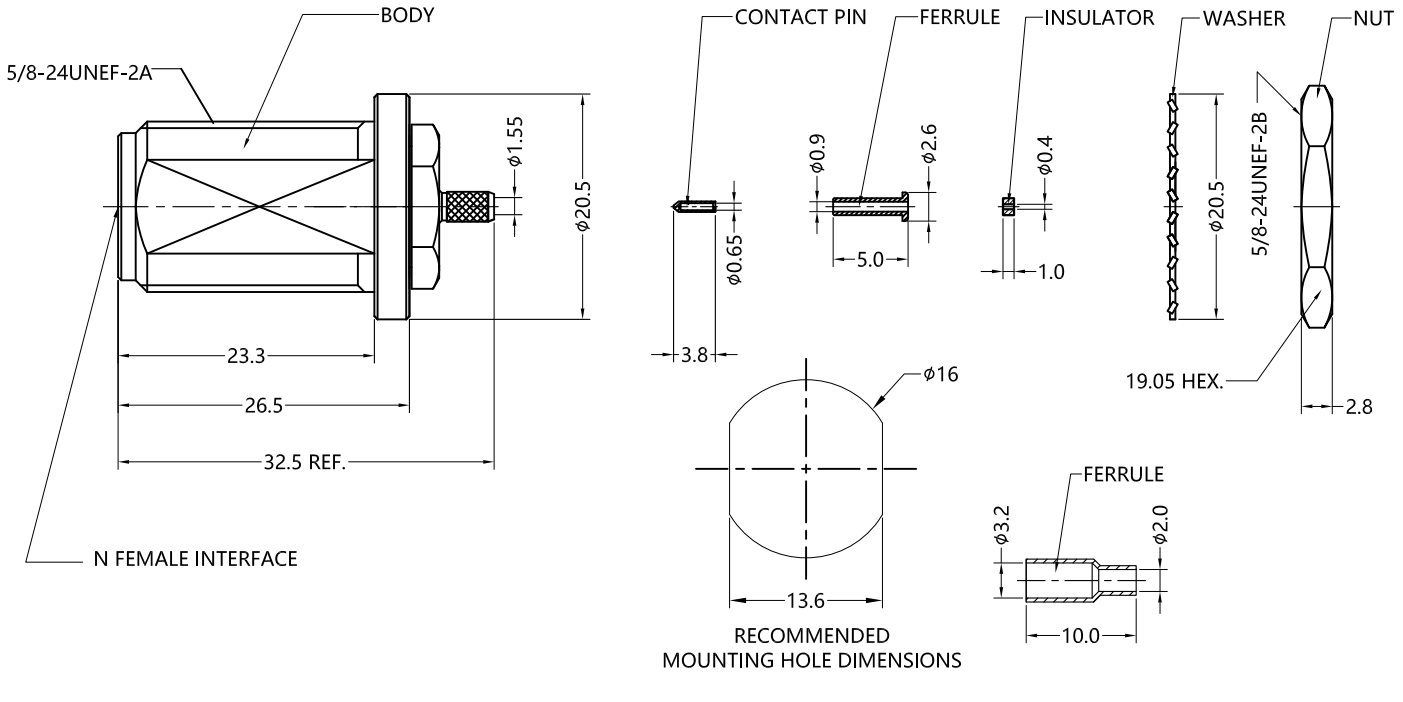
RoHS

ALL PARTS MUST MEET TO RoHS REQUIREMENTS

REMARKS:
1.CONTACT PIN TO SOLDER
2.CRIMP FERRULE FOR .130" HEX.



RECOMMENDED CABLE STRIPPING DIM'S



RECOMMENDED MOUNTING HOLE DIMENSIONS

MATERIALS AND PLATING UNIT: MICRO-INCHES		
PART NAME	MATERIALS	PLATING
BODY/SHELL	BRASS C3604	NICKEL PL.200 u"/COPPER
INSULATOR	PTFE MIL-P-19468	N/A
CONTACT PIN	BE-CU C17300	GOLD PL.30 u"/NICKEL/COPPER
FERRULE	BRASS	NICKEL PL.200 u"/COPPER
GASKET	SILICONE	N/A
CONTACT PIN	BRASS	GOLD PL.30 u"/NICKEL/COPPER

ELECTRICAL CHARACTERISTICS		
IMPEDANCE		50 Ω
VOLTAGE RATING		335 V(rms)
FREQUENCY RANGE		0 ~ 3 GHz
DIELECTRIC WITHSTANDING VOLTAGE		>1000 V
CONTACT RESISTANCE	CENTER CONTACT	<1.0 mΩ
	OUTER CONTACT	<0.2 mΩ
INSULATION RESISTANCE		>5000 MΩ
INSERTION LOSS		N/A
VSWR		<1.30 @0~2.5GHz

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	>6 lbs
RECOMMENDED COUPLING TORQUE	>15 in-lbs
COUPLING NUT RETENTION FORCE	N/A
DURABILITY	>500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 ℃~+165 ℃
THERMAL SHOCK	US MIL- STD 202, Meth. 107,Cond. B
VIBRATION	USMIL- STD 202, Meth. 204,Cond. B
SHOCK	USMIL- STD 202, Meth. 213,Cond. I
CLIMATIC CLASS	IEC 60068 65/165/21
WATERPROOF	IP67

* 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 : 3:2
DRAWING : GUO	DATE : 2020-08-11
	PAGE : 1/1

SLK SUPERLINK

TITLE : N FEMALE S/T BULKHEAD FOR RG178 CABLE,50Ω

DRAWING NO. : 5NCF31S-A03

COMPANY WEBSITE : www.slkcorp.com