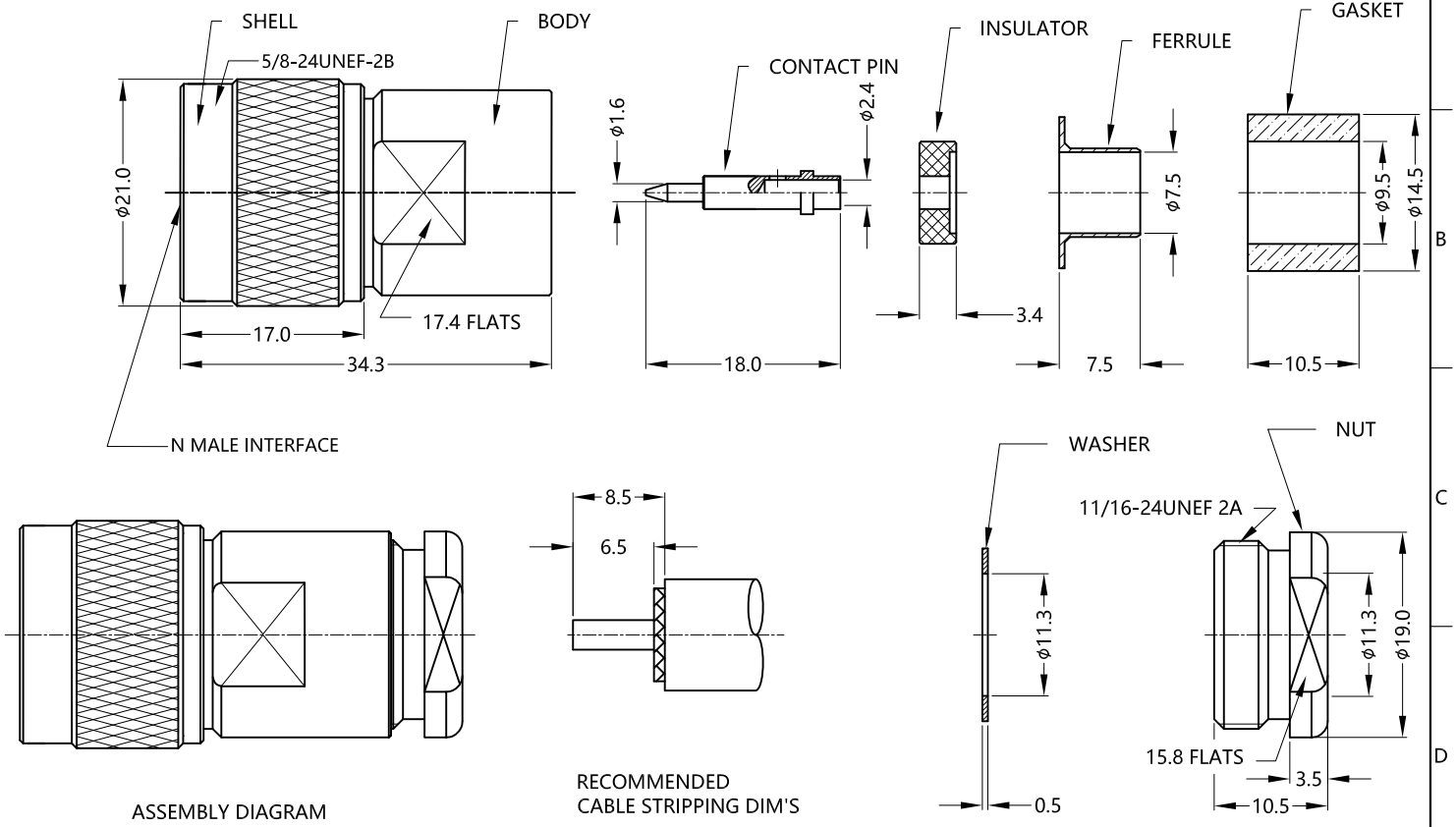
REV.	DESCRIPTION	ECN NO.	NAME	DATE
A1	NEW FRAME	N/A	GUO	2020-06-28

RoHS

ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING UNIT: MICRO-INCHES

PART NAME	MATERIALS	PLATING
BODY/SHELL	BRASS C3604	SILVER PL.70 u"/COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
CONTACT PIN	BRASS C3604	SILVER PL.70 u"/COPPER
GASKET	SILICONE	N/A
NUT/WASHER	BRASS C3604	SILVER PL.70 u"/COPPER
FERRULE	BRASS C3604	SILVER PL.70 u"/COPPER

ELECTRICAL CHARACTERISTICS

IMPEDANCE		50 Ω
VOLTAGE RATING		1000 V(rms)
FREQUENCY RANGE		0 ~ 11 GHz
DIELECTRIC WITHSTANDING VOLTAGE		2500 V
CONTACT RESISTANCE	CENTER CONTACT	<1.0 mΩ
	OUTER CONTACT	<0.2 mΩ
INSULATION RESISTANCE		>5000 MΩ
INSERTION LOSS		<0.6MAX @0~10 GHz
VSWR		<1.7
3RD INTERMODULATION		N/A

MECHANICAL CHARACTERISTICS

FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	N/A
RECOMMENDED COUPLING TORQUE	9-14 in-lbs
COUPLING NUT RETENTION FORCE	>100 lbs
CABLE RETENTION FORCE	350 N
DURABILITY	>500 cycles

ENVIRONMENTAL PARAMETER

TEMPERATURE RANGE	-45 ℃~+125 ℃
THERMAL SHOCK	US MIL- STD 202, Meth. 107,Cond. B
VIBRATION	US MIL- STD 202, Meth. 204,Cond. B
SHOCK	US MIL- STD 202, Meth. 213,Cond. I

* 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 : GUO	DATE : 2020-06-28
	PAGE : 1/1

SUPERLINK

TITLE : N FEMALE CLAMP FOR RG-213 CABLE,50Ω

DRAWING NO. : 5NCM14S-A05-003

COMPANY WEBSITE : www.slkcorp.com