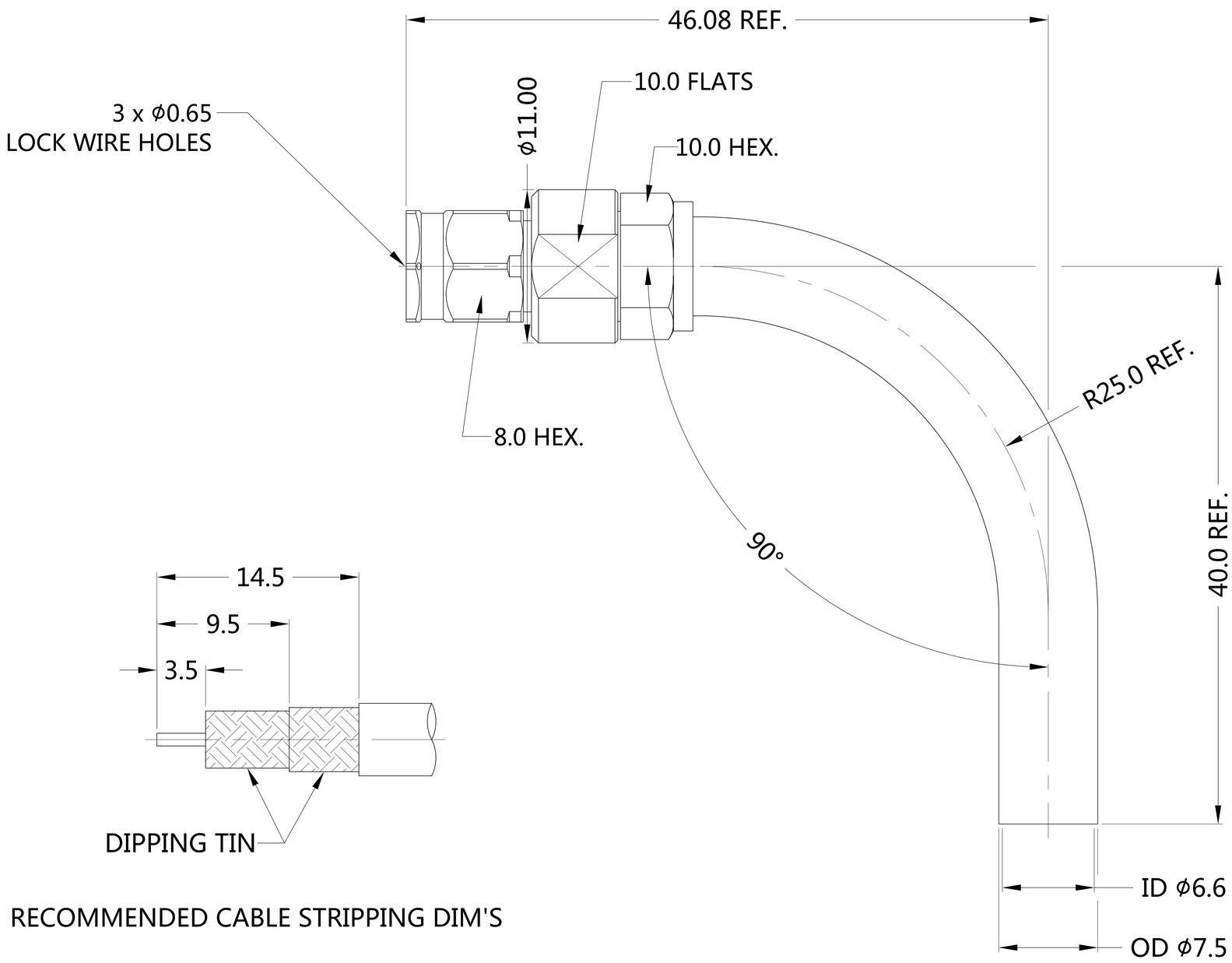
REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	WYJ	2013-06-25
1	NEW FRAME	N/A	JASON	2020-08-20

REMARKS:
1.ADD SIZE: 6.30mm
2.CONTACT PIN TO SOLDER.

RoHS

ALL PARTS MUST MEET TO RoHS REQUIREMENTS



RECOMMENDED CABLE STRIPPING DIM'S

MATERIALS AND PLATING UNIT: MICRO-INCHES		
PART NAME	MATERIALS	PLATING
BODY/SHELL	STAINLESS STEEL	PASSIVATION
CONTACT PIN	BRASS C3604	GOLD 50 u"/COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
SWEPT TUBE	COPPER	ALBALOY 80 u"/COPPER

ELECTRICAL CHARACTERISTICS		
IMPEDANCE		50 Ω
VOLTAGE RATING		335 V(rms)
FREQUENCY RANGE		DC ~ 18 GHz
DIELECTRIC WITHSTANDING VOLTAGE		>500 V
CONTACT RESISTANCE	CENTER CONTACT	<3.0 mΩ
	OUTER CONTACT	<2.0 mΩ
INSULATION RESISTANCE		>5000 MΩ
INSERTION LOSS		ACCORDING TO THE CABLE
VSWR		< 1.30

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	> 500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 ℃ ~ +125 ℃

* 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 : JASON	DATE : 2020-08-20
	PAGE : 1/1

SUPERLINK

TITLE :	SMA MALE S/T SOLDER FOR SFT-205 CABLE, 50Ω
DRAWING NO. :	5MAM15L-A207
COMPANY WEBSITE :	www.slkcorp.com