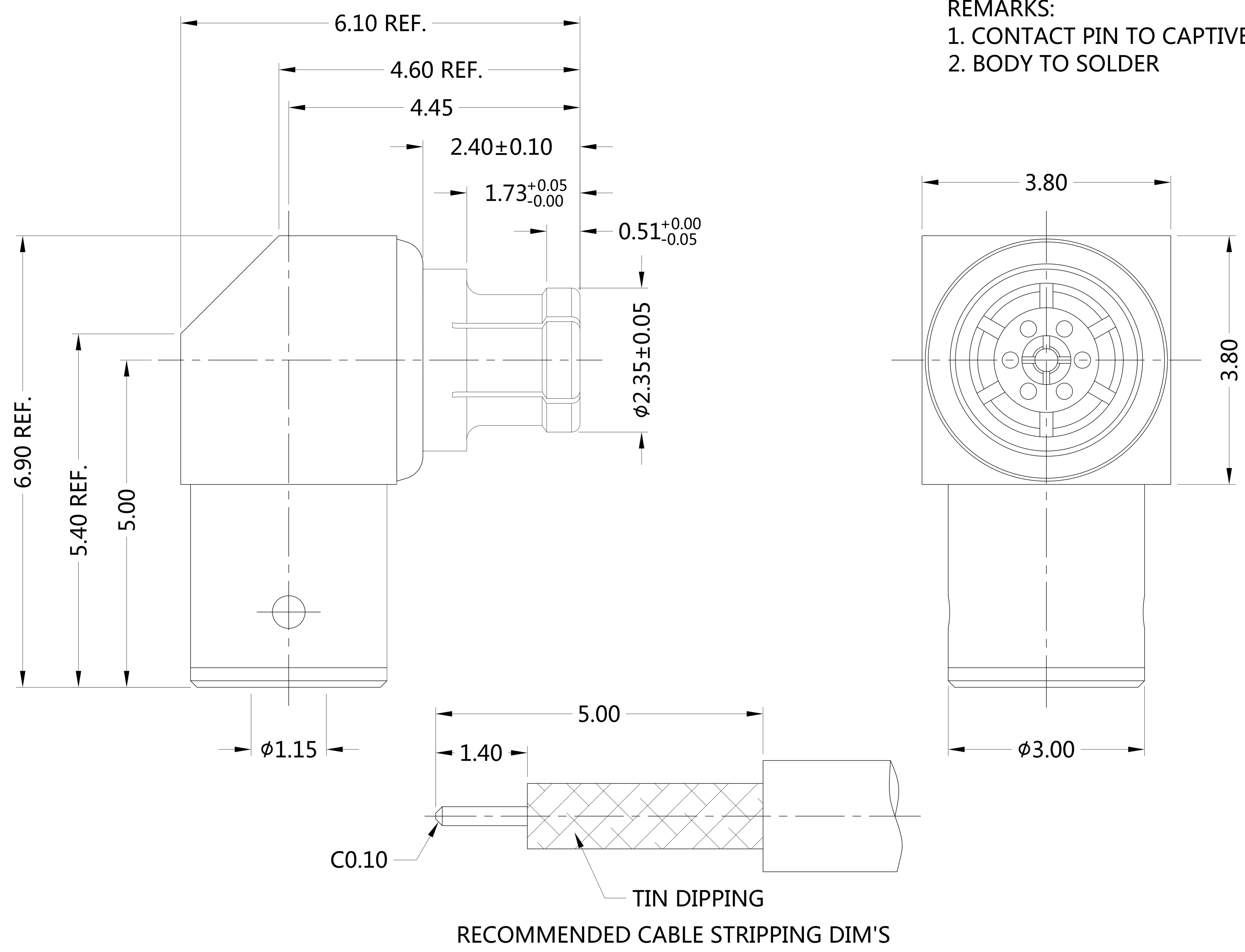


REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	SYH	2020-11-25



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	Be-Cu C17300	GOLD 10 u"/NICKEL/COPPER
INSULATOR	PEI OR PTFE ASTM-D-1710	N/A
CONTACT PIN	Be-Cu C17300	GOLD 30 u"/NICKEL/COPPER

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	175 V
FREQUENCY RANGE	DC ~ 40 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>350 V
CONTACT RESISTANCE	CENTER CONTACT <6.0 mΩ
	OUTER CONTACT <2.0 mΩ
INSULATION RESISTANCE	>5000 MΩ
INSERTION LOSS	ACCORDING TO THE CABLE
VSWR	<1.35@DC ~ 26.5GHz
	<1.50 @26.5 ~ 40GHz
3RD INTERMODULATION	N/A

MECHANICAL CHARACTERISTICS		
CENTER CONTACT RETENTION FORCE		>2 lbs
FORCE TO ENGAGE	FULL DETENT	4.5 lbs (TYPICAL)
	SMOOTH BORE	2.5 lbs (TYPICAL)
FORCE TO DISENGAGE	FULL DETENT	6.5 lbs (TYPICAL)
	SMOOTH BORE	1.5 lbs (TYPICAL)
DURABILITY	FULL DETENT	>100 CYCLES
	SMOOTH BORE	>500 CYCLES

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

CUSTOMER OUTLINE DRAWING

\* 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		 TITLE : SSMP FEMALE R/A SOLDER FOR Sflex-170 CABLE,50Ω DRAWING NO. : 5MPF15R-A681 COMPANY WEBSITE : www.slkcorp.com
	APPROVED :	CUSTOMER P/N :	
	CHECKED :	SCALE :	
	DRAWING :	DATE :	
		PAGE :	