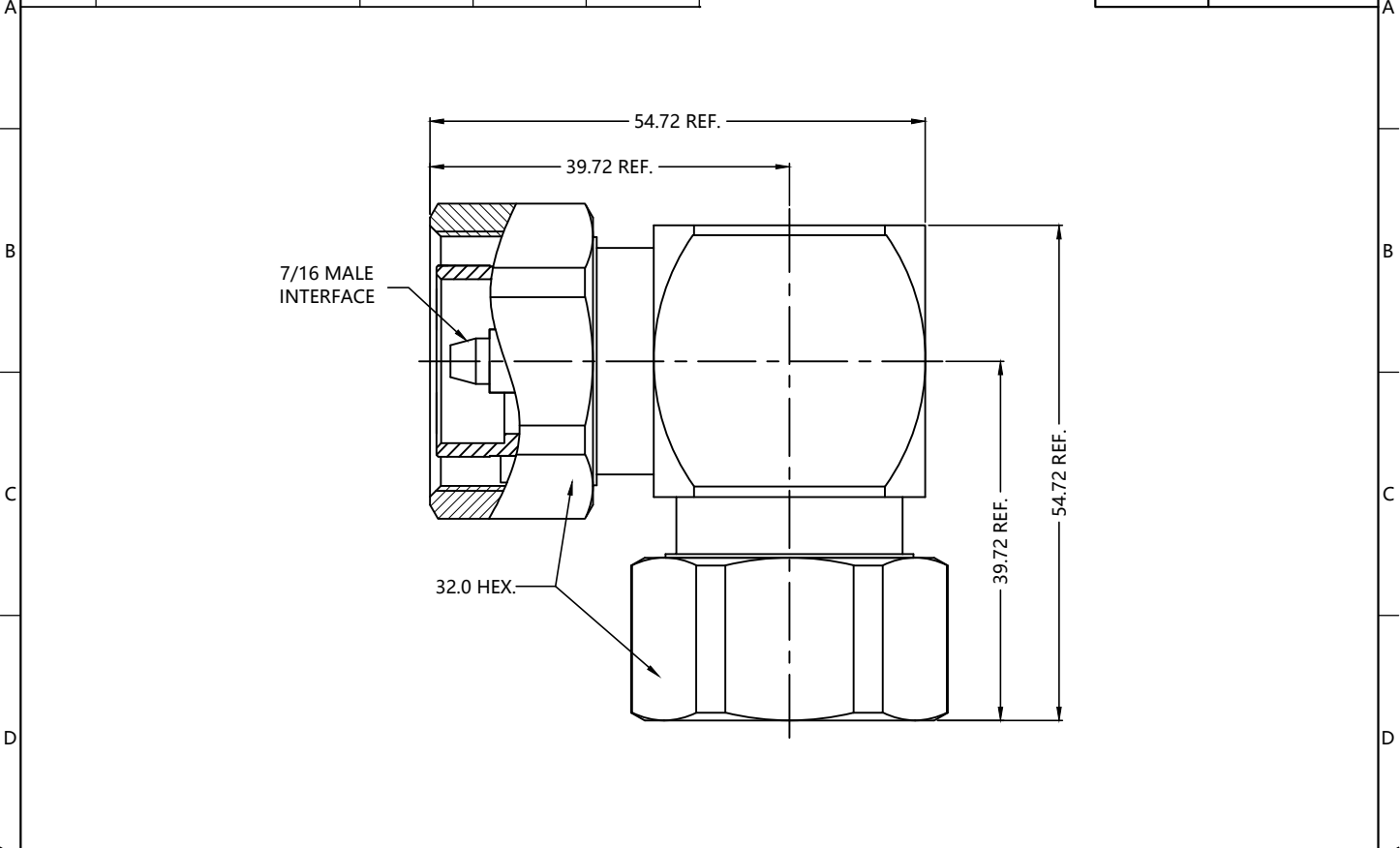


1	2	3	4	5	6
REV.	DESCRIPTION	ECN NO.	NAME	DATE	
0	FIRST EDITION	N/A	SYH	2020-05-25	



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING			UNIT: MICRO-INCHES	ELECTRICAL CHARACTERISTICS	
PART NAME	MATERIALS	PLATING			
BODY	BRASS C3604	PL.ALBALOY/COPPER	IMPEDANCE	50 Ω	
INSULATOR	PTFE ASTM-D-1710	N/A	VOLTAGE RATING	1000 V(rms)	
CONTACT PIN	BRASS C3604	PL.SILVER/COPPER	FREQUENCY RANGE	DC ~ 7.5 GHz	
SHELL	BRASS C3604	PL.ALBALOY/COPPER	DIELECTRIC WITHSTANDING VOLTAGE	>2500 V	
GASKET	SILICONE	RED	CONTACT RESISTANCE	CENTER CONTACT	<0.4 mΩ
				OUTER CONTACT	<1.5 mΩ
			INSULATION RESISTANCE	>10000 MΩ	
			INSERTION LOSS	N/A	
			RF-LEAKAGE	>110db@1GHz	
			VSWR	<1.15@DC ~ 5 GHz	
			3RD INTERMODULATION	N/A	
MECHANICAL CHARACTERISTICS			ENVIRONMENTAL PARAMETER		
FORCE TO ENGAGE AND DISENGAGE		N/A	TEMPERATURE RANGE	-65 °C ~ +165 °C	
CENTER CONTACT RETENTION FORCE		>45 lbs	THERMAL SHOCK	MIL- STD 202, Meth. 107, Cond. B	
RECOMMENDED COUPLING TORQUE		221 ~ 260in.lbs	VIBRATION	MIL- STD 202, Meth. 204, Cond. B	
COUPLING NUT RETENTION FORCE		>225 lbs	SHOCK	MIL- STD 202, Meth. 213, Cond. I	
DURABILITY		>500 cycles			

CUSTOMER OUTLINE DRAWING

* CUSTOMER OUTLINE DRAWING			THIRD ANGLE PROJECTION		
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°.		APPROVED :	CUSTOMER P/N :	TITLE : 7/16 MALE R/A TO 7/16 MALE R/A ADAPTER	
		CHECKED :	SCALE : 4: 3	DRAWING NO. : 5A7M06R-A7M-001	
		DRAWING :	DATE : 2020-05-25	COMPANY WEBSITE : www.slkcorp.com	
			PAGE : 1/1		