

PRODUCT DATA DRAWING

CAD
GENERATED
DRAWING

DCN
CONTROLLED
DOCUMENT

DWG. NO.
SF8018-6057

MATERIAL :

BODY &
COUPLING NUT: STAINLESS STEEL PER AMS-5640

LOCK RING
& CONTACT: BERYLLIUM COPPER PER ASTM B196

INSULATOR: PTFE PER ASTM D1710

GASKET: SILICONE RUBBER PER ZZ-R-765,
CLASS IIB, GRADE 50/60

RESISTOR ELEMENT: ALUMINA SUBSTRATE WITH
NICHROME RESISTOR

FINISH :

BODY: GOLD PER ASTM B488, TYPE II,
GRADE C, CLASS .76; OVER NICKEL
PER AMS-QQ-N-290, CLASS 1

COUPLING NUT: PASSIVATED PER AMS-QQ-P-35, TYPE II

CONTACT: GOLD PER ASTM B488, TYPE II,
GRADE C, CLASS 1.52; OVER NICKEL
PER AMS-QQ-N-290, CLASS 1

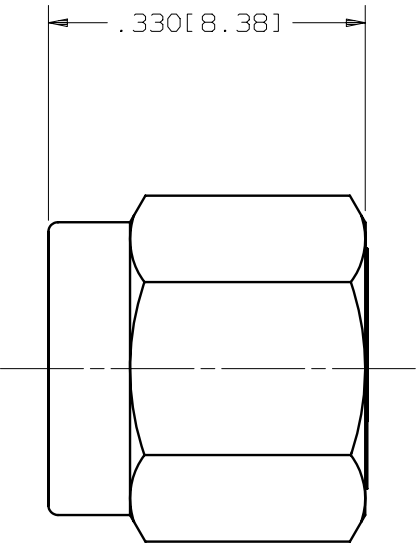
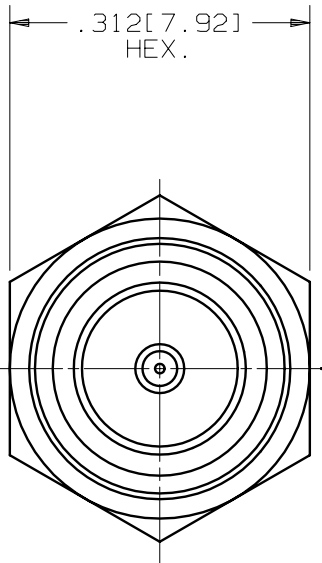
PERFORMANCE :

IMPEDANCE: 50 OHMS

FREQ. RANGE: DC TO 18.0 GHz

VSWR: 1.30:1 DC TO 18.0 GHz

OPERATING TEMP: -55°C TO +125°C



SYM.	DESCRIPTION	DATE	APPR.	UNLESS OTHERWISE SPECIFIED: 1)ALL DIMENSIONS ARE AFTER PLATING. 2)BREAK CORNERS & EDGES .005 R.MAX. 3)CHAM. 1s1 & LAST THDS. 4)SURFACE ROUGHNESS 63 √ MIL-STD-10. 5)DIAS. ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 6)REMOVE ALL BURRS.	DIMENSIONS ARE IN INCHES TOLERANCES:			TITLE: SMA PLUG TERMINATION DC TO 18 GHz
-	REL. DCN 32745	02/05	CCC		DECIMALS	FRACTIONAL	ANGULAR	
					.X ±.030		X° ±1°0′	
					.XX ±.015	±1/64	X°X′ ±15′	
					.XXX ±.005			
					MATERIAL: SEE ABOVE		□" AREA:	
					FINISH: SEE ABOVE		N/A	
				DRAWN: MGT 02/24/05	SIZE	CAGE NO.	SCALE	DWG. NO. SF8018-6057
				CHECKED: CCC 02/24/05	B	95077	5X	
				APPROVED: CCC 02/24/05				

Mouser Electronics

Authorized Distributor

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