

PRODUCT DATA DRAWING

CAD
GENERATED
DRAWING

DCN
CONTROLLED
DOCUMENT

DWG. NO.
8018-6174

MATERIAL :

BODY,
PRESS CAP &
COUPLING NUT: STAINLESS STEEL PER AMS-5640

LOCK RING
& CONTACT: BERYLLIUM COPPER PER ASTM B196

RIVET: BRASS PER ASTM B16

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 B 488, TYPE I,
GRADE C, CLASS 1.27; OVER NICKEL
PER AMS-QQ-N-290, CLASS 1

PRESS CAP &
COUPLING NUT: GOLD PER ASTM B 488, TYPE I,
GRADE C, CLASS .50; OVER NICKEL
PER AMS-QQ-N-290, CLASS I

CONTACT: GOLD PER ASTM B 488, TYPE II,
GRADE C, CLASS 1.52; OVER NICKEL
PER AMS-QQ-N-290, CLASS 1

RIVET: NICKEL PER AMS-QQ-N-290, CLASS 1
GRADE G. FINISH: SEMI-BRIGHT

PERFORMANCE :

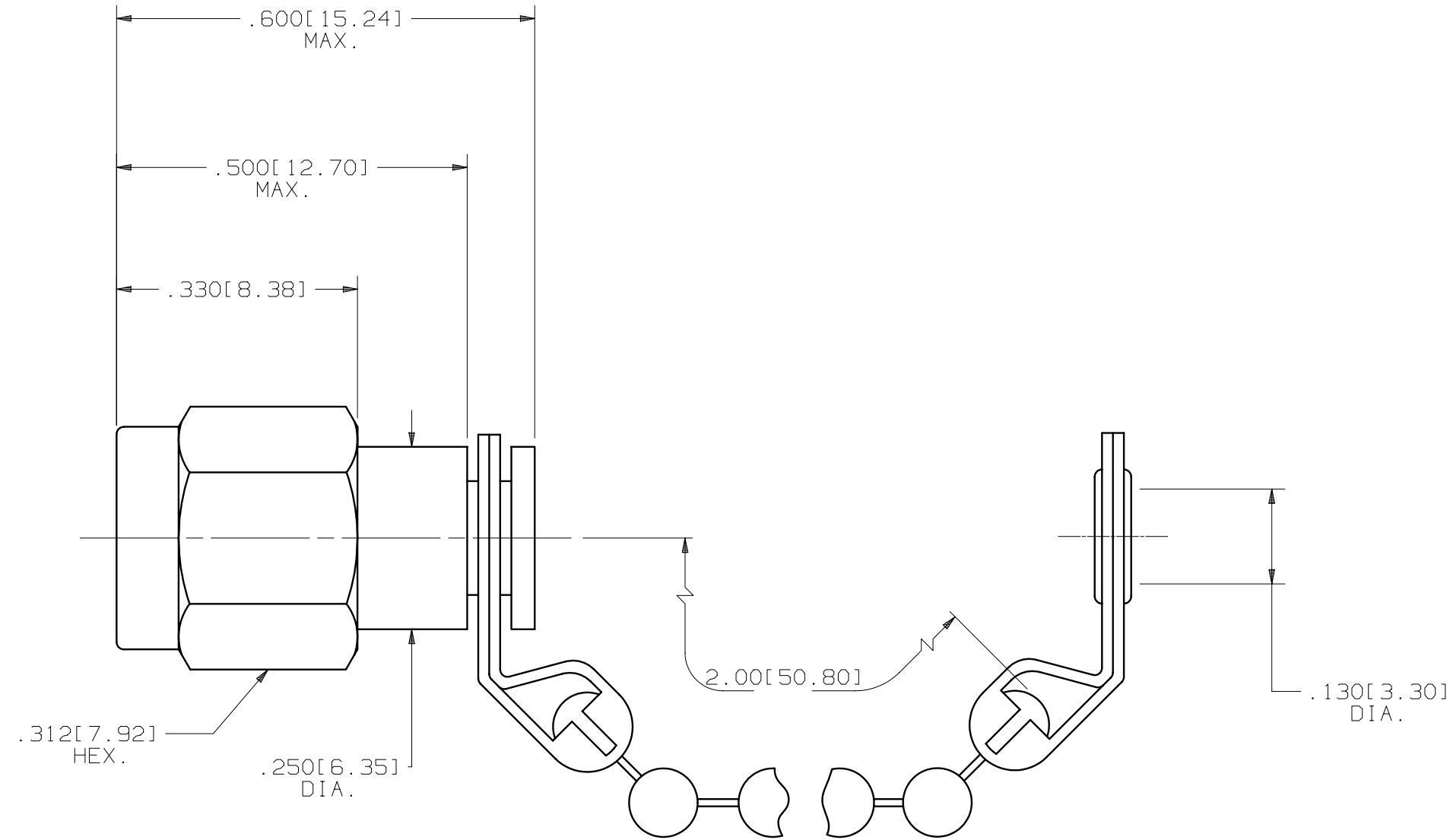
IMPEDANCE: 50 OHMS

FREQ. RANGE: DC TO 18.0 GHz

VSWR: 1.30:1 DC TO 18 GHz

OPERATING TEMP.: -55°C TO +125°C

AVG. POWER: 1 WATT



SYM.	DESCRIPTION	DATE	APPR.	UNLESS OTHERWISE SPECIFIED: 1)ALL DIMENSIONS ARE AFTER PLATING. 2)BREAK CORNERS & EDGES .005 R.MAX. 3)CHAM. 1st & 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:
-	REL.DCN 28574	07/02	STW		DECIMALS	FRACTIONAL	ANGULAR	
A	REV.DCN 29948	05/03	STW		.X ±.030		X° ±1°0'	
B	REV.DCN 30711	11/03	STW		.XX ±.015	±1/64	X°X' ±15'	SMA PLUG TERMINATION WITH BEADED CHAIN
C	REV.DCN 31895	12/04	CCC		.XXX ±.005			
					MATERIAL: SEE ABOVE		□" AREA:	DWG. NO. 8018-6174
				DRAWN: MEB 07/03/02	FINISH: SEE ABOVE		N/A	
				CHECKED: STW 07/03/02	SIZE	CAGE NO.	SCALE	
				APPROVED: STW 07/03/02	B	95077	5X	