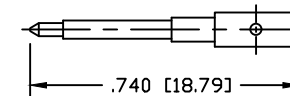
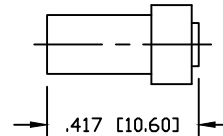
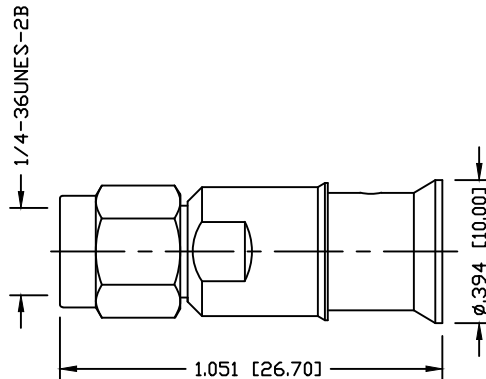


PART NO.

RSA-3500-HPL

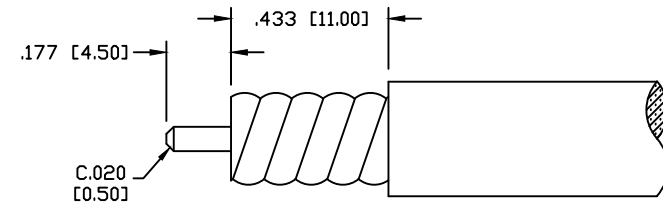
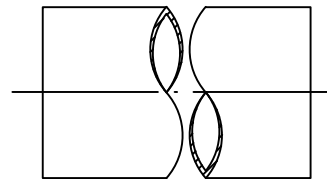
REV	DESCRIPTION	ECO/ECN	DATE	APPROVED
B	UPDATED SPECS	1058	03/18/25	JDM



RECOMMENDED SOLDER ONLY

**SPECIFICATIONS:**

INTERFACE: IEC61169-15
 IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-11 GHz
 3rd ORDER IM: ≤ -155 dBc @ 700 MHz & 1900 MHz
 3rd ORDER IM TEST METHOD: 2x43dBm CARRIERS
 VSWR: $<1.1:1$
 INSERTION LOSS: <-0.1 dB THRU 12 GHz
 DIELECTRIC WITHSTANDING VOLTAGE: 1500 V/AC
 INSULATION RESISTANCE: 5K M Ω
 PEAK POWER, MAX: 5kW
 RF OPERATION VOLTS RMS MAX: 500 V
 TEMPERATURE RANGE: -40°C TO 155°C
 MECHANICAL DURABILITY: 500 CYCLES MIN
 RoHS: COMPLIANT
 FOR SPP-250-LLPP, SPO-250, SCF14-50J, SPF-250,
 FSJ1-50A, PTS1-50-P, TFT-401, EC1-50-HF



RECOMMENDED STRIPING DIMENSIONS

8	TUBING	1	HEAT SHRINK	BLACK
7	SHELL	1	BRASS	CuSnZn
6	SPACER	1	PTFE	NATURAL
5	RETAINING RING	1	BERYLLIUM COPPER	CuSnZn
4	GASKET	1	RUBBER	---
3	PIN	1	BRASS	SILVER
2	INSULATOR	1	PTFE	NATURAL
1	BODY	1	BRASS	CuSnZn
#	DESCRIPTION	QTY	MATERIAL	FINISH

CUSTOMER OUTLINE DRAWING	
ALL DIMENSIONS ARE REFERENCE ONLY	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES AND [MILLIMETERS]	
DRAWN JDM	3/18/25
CHECKED	
ORJ DRAWN C. ZUÑIGA	03/16/15

ALL PIM TESTED CABLE ASSEMBLIES
 DATA CAN BE FOUND ON OUR
 WEB PAGE RFINDUSTRIES.COM
 USING THE SERIAL NUMBER INSIDE
 OUR PIM TRACKER DATA BASE

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SMA PLUG SOLDER

FOR 1/4" SUPER FLEX CABLE

DWG #

RSA-3500-HPL

CABLE GROUP	CONTROL #	SCALE	FORMAT	SHEET	REVISION
HPL	001787	NTS	A	1 OF 1	B