

- 1.0 PERFORMANCE: (sea level)
 1.1 FREQUENCY RANGE: 12.4 GHz
 1.3 SYSTEM IMPEDANCE 50 OHMS
 1.4 DWV: 750 Vrms @ 60 Hz
 1.5 VOLTAGE RATING: 250 Vrms
 1.6 TEMP RANGE: -65 / +165 °C

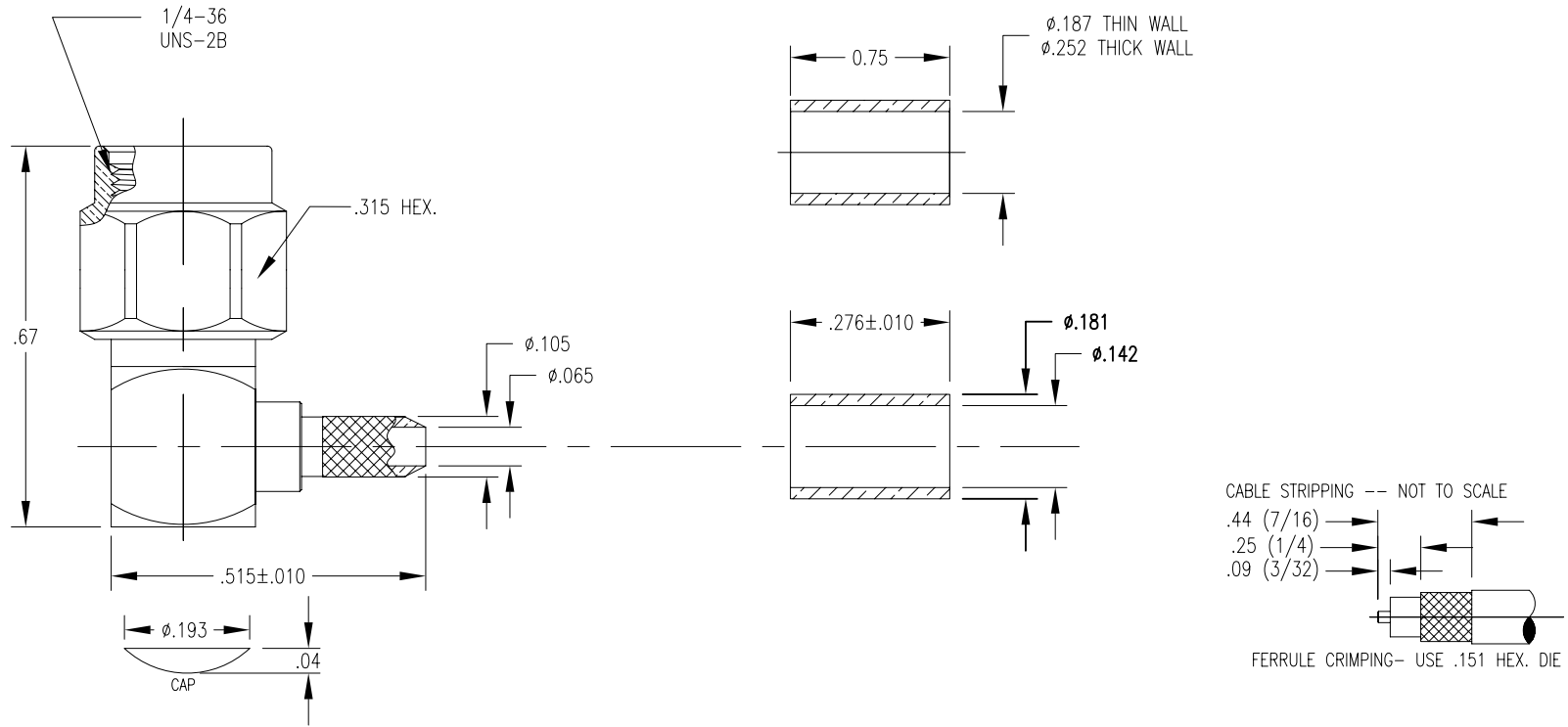
- 4.0 MECHANICAL
 4.1 INTERFACES PER MIL-STD-348
 4.2 COUPLING PROOF TORQUE 15 INCH*LBS
 4.3 COUPLING NUT RETENTION 60 LBS AXIAL
 4.4 CONTACT RETENTION 6 LBS AXIAL
 4.5 DURABILITY: 500 CYCLES

PART NUMBER	HEAT SHRINK	BODY	CONTACT
1202-08-PJ	THIN WALL	PASSIVATE	Au/Ni
1202-08^M1-PJ	THICK WALL	PASSIVATE	Au/Ni

- 2.0 MATERIALS
 2.1 CAP, CONTACT: BRASS
 2.2 LOCKING RING: BeCu
 2.3 BODY, COUPLING NUT: SS303
 2.4 CRIMP FERRULE: COPPER
 2.5 INSULATOR: PTFE
 2.6 GASKET: SILICONE RUBBER
 2.7 SHRINK SLEEVE: SEE TABLE

PLATE PER STI 7.3.1-8

3.0 FINISH: SEE TABLE



D O N O T S C A L E D R A W I N G

Rev.	Revisions	Disp.	Date	Dwn.	Appd.
E	REMOVE 6 GHz CONNECTORS	USE	12/16/09	FSH	FSH
D	issue 6 GHz CONNECTORS	NEW	11/24/09	FSH	FSH
C	REVISED AND REDRAWN	FIFO	12/22/04	LAP	FSH
B	ADDED SHRINK SLEEVE REQUIREMENTS	FIFO	03/25/03	DT	FSH
A	ORIGINAL	NEW	04/02/03		

RECOM. STOCK SIZE	FT/M PCS	Ref.: SK	REMOVE ALL BURRS AND SHARP EDGES .005 MAX.	INTERPRET PER ASME Y14.5M-1994
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UNLESS OTHERWISE SPECIFIED:
 ALL DIMENSIONS ARE IN INCHES.
 ALL DIMENSIONS ARE AFTER PLATING.
 .XXX= ±.005 ALL MACHINED SURFACES $\sqrt{63}$ MAX.
 .XX= ±.01 ANG. ±1/2° FRACTIONAL= ±1/64

Ⓞ .004 MAX. TIR ⊥ AXIS .001

THIRD ANGLE PROJECTION

DWN	RD	06/10/03
CHKD	FSH	06/13/03
APPR	FSH	06/13/03

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San-tron

TITLE: SMA PLUG RIGHT ANGLE DOUBLE SHIELD RD-316 (20)

MATERIAL: SEE NOTE 2.0 FINISH: SEE NOTE 3.0

CAGE CODE: 50896 DWG NO. OL-1202-08-1 REV. E

SCALE 4:1