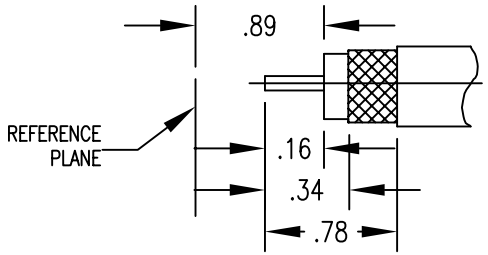
1.0 PERFORMANCE
1.1 FREQUENCY RANGE: DC–11GHz
1.2 VOLTAGE RATING: 500V RMS (sea level)
1.3 NOMINAL IMPEDANCE: 50 OHMS
1.4 DWV: 1500 V RMS @ 60 Hz (sea level)
1.5 TEMPERATURE RANGE: –65°C TO +165°C
2.0 MATERIALS
2.1 DIELECTRIC: PTFE
2.2 CENTER CONTACT: BRASS
2.3 CRIMP FERRULE: DHP SOFT COPPER, CDA 122, SOFT TEMPER
2.4 LOCKING RING: PHOSPHOR BRONZE
2.5 ALL OTHER METAL PARTS: BRASS
2.6 GASKET: SILICON RUBBER, ZZ–R–765, GR. 50, RED

3.0 FINISHES
3.1 CENTER CONTACT: SEE TABLE
3.2 ALL OTHER METAL PARTS: SEE TABLE
4.0 MECHANICAL
4.1 INTERFACE: IN ACCORDANCE WITH MIL–STD–348

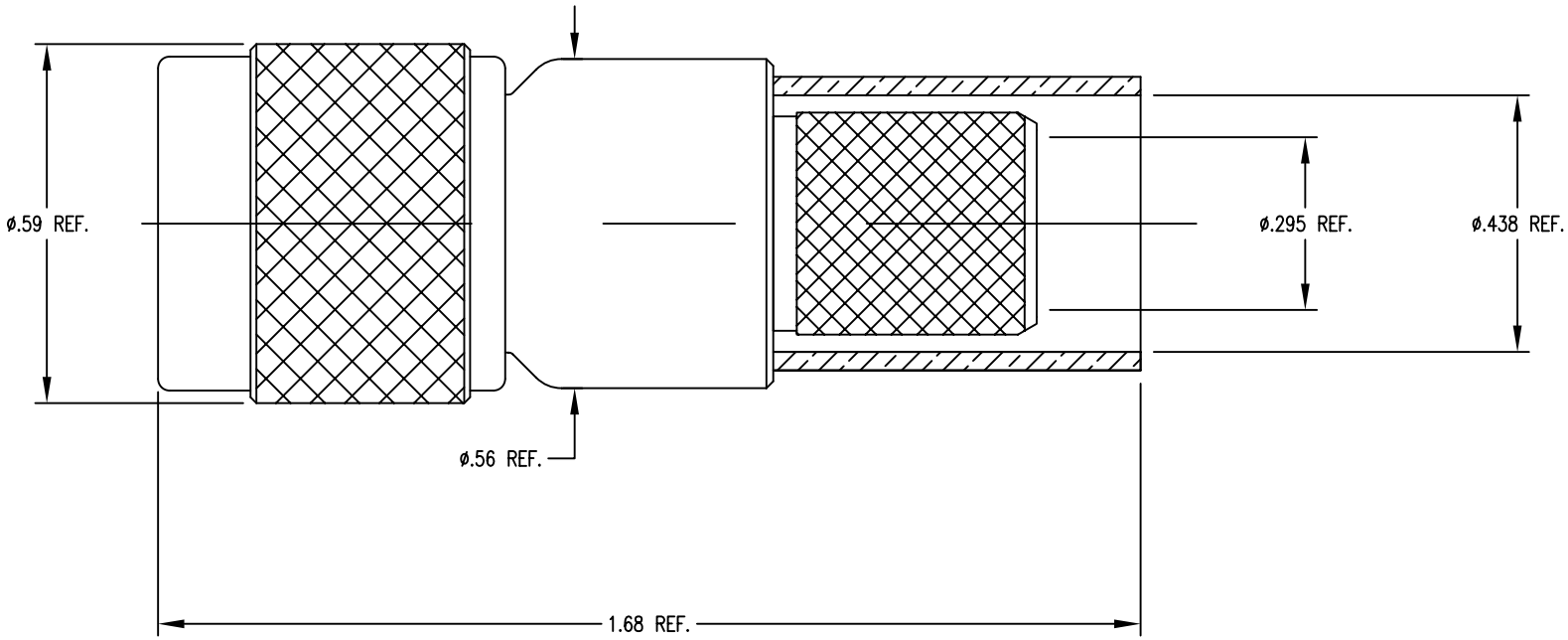
DWG NO.	REV.
OL–0501–32–1	B

PLATING VARIATIONS

PART NUMBER	BODY	CONTACT
0501–32–NS	NICKEL	SILVER
0501–32–NH	NICKEL	GOLD



CABLE PREPARATION DETAIL
(CRIMP USING .429 HEX DIE)
(NOT TO SCALE)



DO NOT SCALE DRAWING

Rev.	Revisions	Ref.:	Disp.	Date	Dwn.	Appd.
						.
B	CORRECT TITLE		NEW	2/21/11	RJG	FSH
A	ORIGINAL		NEW	2/18/11		

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 63 MAX.
.XX= ±.01 ANG.±1/2° FRACTIONAL= ±1/64
◎ .004 MAX. TIR. | ⊥ AXIS .001

THIRD ANGLE PROJECTION

DWN	RJG	2/18/11
CHKD	SJS	2/21/11
APPR	FSH	2/21/11

SAN-TRON, INC.
4 NEWBURYPORT TPK. IPSWICH MA USA 01938
TEL: 978 - 356 -1585 FAX: 978 - 356 -1573
WWW. santron.com E MAIL: santron@santron.com

TITLE: TNC STRAIGHT PLUG FOR RG–9 & 214/U CABLE

MATERIAL: SEE NOTE 2.0
FINISH: SEE NOTE 3.0

CAGE CODE: 50896
SCALE X:X

DWG NO. OL–0501–32–1 REV. B