

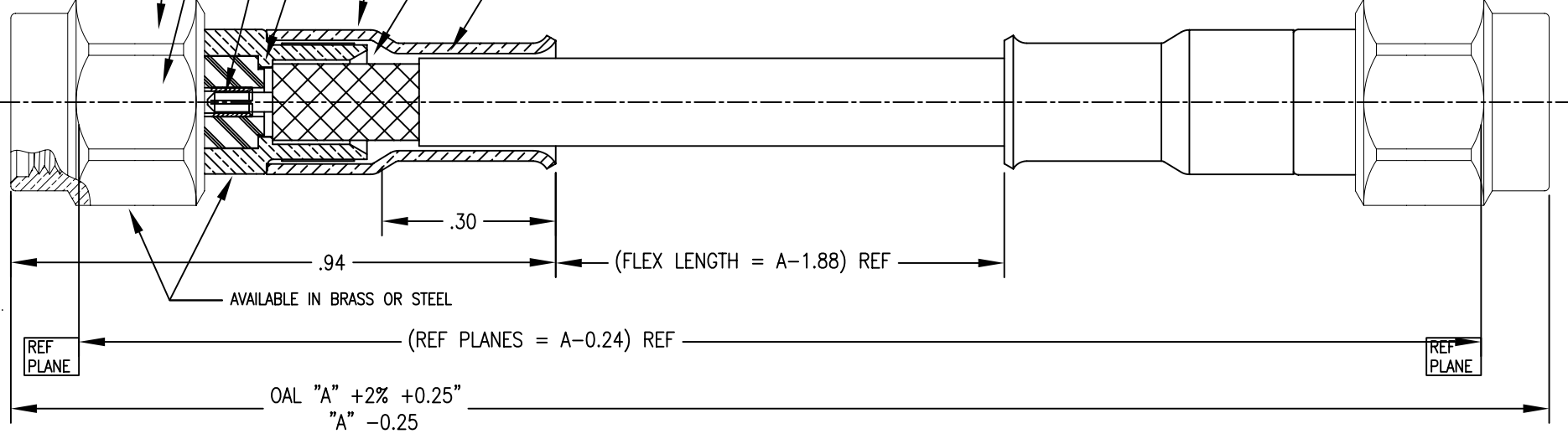
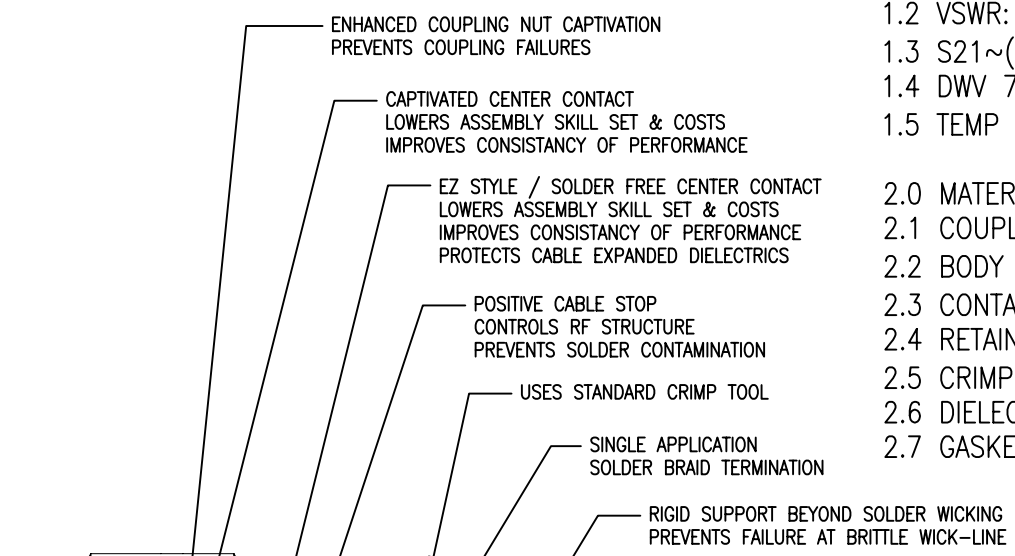
DO NOT SCALE DRAWING

- 1.0 PERFORMANCE (sea level)
- 1.1 FREQUENCY RANGE: DC-20 GHz
- 1.2 VSWR: 1.22 (20 dB RETURN LOSS)
- 1.3 $S_{21} \sim (0.0087 * F^{0.5} + 0.001 * F) * A + 0.2$ dB
- 1.4 DWV 750Vrms
- 1.5 TEMP RANGE: -40/+125°C

- 2.0 MATERIALS & FINISH
- 2.1 COUPLING NUT SS-303, PASSIVATE
- 2.2 BODY BRASS, Au/Cu PLATE
- 2.3 CONTACT BeCu, Au/Ni PLATE
- 2.4 RETAINING RING BeCu
- 2.5 CRIMP FERRULE SOFT Cu, Au/Cu PLATE
- 2.6 DIELECTRIC PTFE
- 2.7 GASKET Si RUBBER

DWG NO.	OL-9967-01-1	REV.	C
PART NUMBER	OAL LENGTH "A" INCHES		
9967-01 M4	4		
9967-01 M18	18		

- 4.0 MECHANICAL
- 4.1 INTERFACE PER MIL-STD-348
- 4.2 COUPLING PROOF TORQUE 15 IN*LBS
- 4.3 COUPLING RETENTION 60 LBS AXIAL
- 4.4 CONTACT RETENTION 6 LBS AXIAL
- 4.5 DURABILITY 100 CYCLES
- 4.6 MIN BEND RADIUS 0.5



Rev.	Revisions	Disp.	Date	Dwn.	Appd.
C	UPDATE PROCEDURES	MIX	7/19/07	FSH	FSH
B	UPDATE PERFORMANCE SPECS. TO ACTUAL TEST DATA	MIX	6/22/07	DVP	DVP
A	RELEASE	NEW	7/24/06		
Ref.:	REMOVE ALL BURRS AND SHARP EDGES .005 MAX.	INTERPRET PER	ASME Y14.5M-1994		

THIS DRAWING CONTAINS CONFIDENTIAL INFORMATION PROPRIETARY TO SAN-TRON, INC. IT MUST NOT BE REPRODUCED OR DISCLOSED TO OTHERS OR USED IN ANY OTHER WAY, IN WHOLE OR PART EXCEPT AS AUTHORIZED IN WRITING BY SAN-TRON, INC.

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE IN INCHES.
ALL DIMENSIONS ARE AFTER PLATING.
.XXX = ±.005 ALL MACHINED SURFACES $\sqrt{3}$ MAX.
.XX = ±.01 ANG. ±1/2° FRACTIONAL = ±1/64
Ⓢ.004 MAX. TIR. ⊥ AXIS .001

THIRD ANGLE PROJECTION

DWN	FSH	7/24/06
CHKD	SJS	/
APPR	FSH	/

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		eSMA CABLE ASSEMBLIES SMA PLUGS ON TFLEX-402	
MATERIAL: COUPLING NUT: SS-303 BODY: BRASS CONTACT: BeCu		FINISH: COUPLING NUT: PASSIVATE BODY: GOLD/Cu CONTACT: GOLD/Ni	
CAGE CODE: 50896	DWG NO.	REV.	
SCALE X:X	OL-9967-01-1	C	