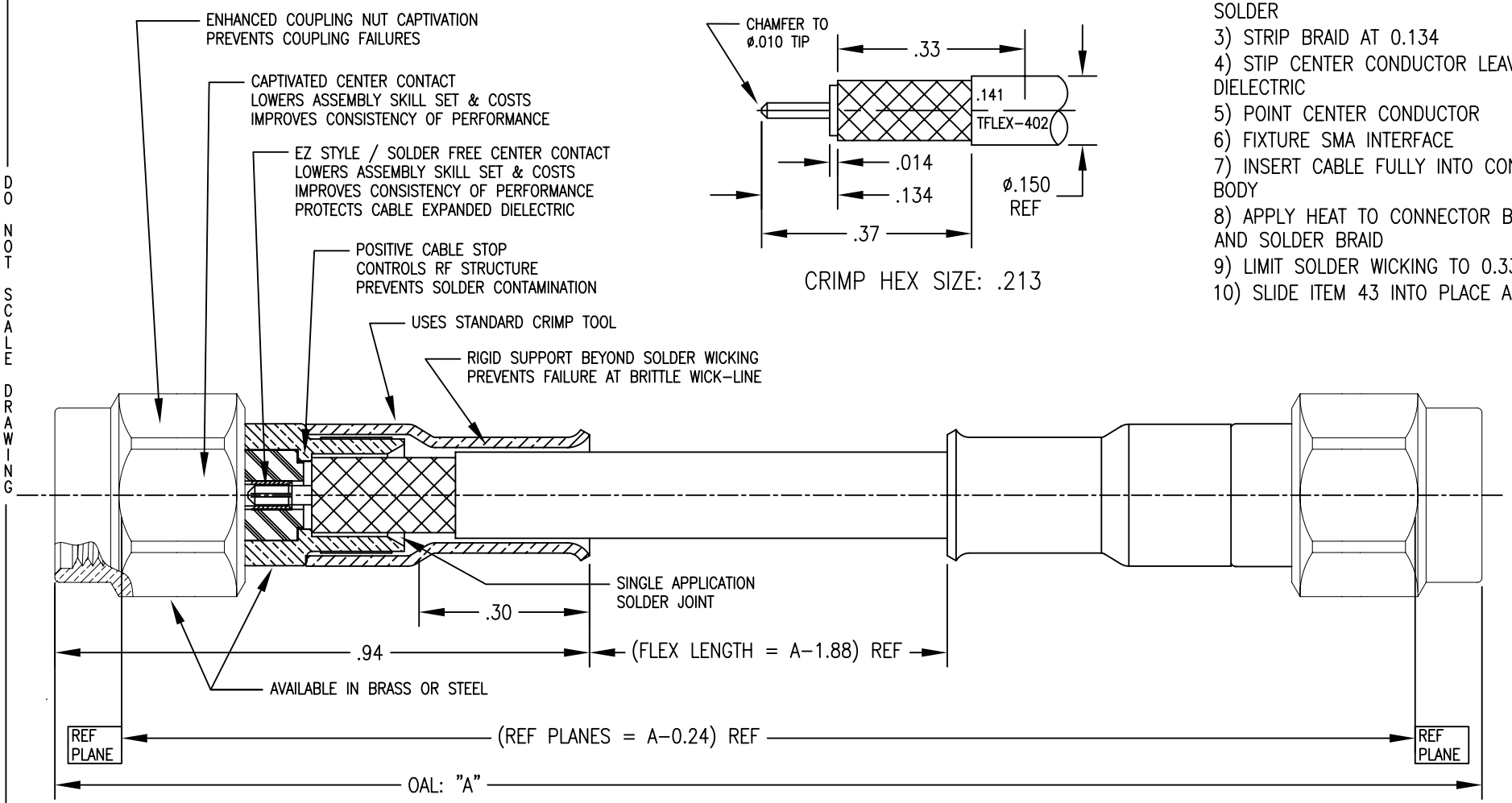
DWG NO.	REV.
T–FLEX 141	A

1.0: PERFORMANCE (sea level)
1.1: FREQUENCY RANGE: DC–26.5 GHz
1.2: VSWR~1.03 + .025*F
1.3: S21~(0.0087*F^0.5 +0.001*Fm)*A+0.2 dB
1.4: DWV 750Vrms
1.5 TEMP RANGE: –40/+125°C
1.6 MIN BEND RADIUS 0.500

ASSEMBLY INSTRUCTIONS:
1) WINDOW STRIP JACKET AT 0.10 THRU 0.37
2) PRE–TIN THE BRAID USING MINIMUM SOLDER
3) STRIP BRAID AT 0.134
4) STIP CENTER CONDUCTOR LEAVING .014 DIELECTRIC
5) POINT CENTER CONDUCTOR
6) FIXTURE SMA INTERFACE
7) INSERT CABLE FULLY INTO CONNECTOR BODY
8) APPLY HEAT TO CONNECTOR BODY ONLY AND SOLDER BRAID
9) LIMIT SOLDER WICKING TO 0.33
10) SLIDE ITEM 43 INTO PLACE AND CRIMP



DO NOT SCALE DRAWING

Rev.	Revisions	Disp.	Date	Dwn.	Appd.
A	ORIGINAL: 9967–01–1	NEW	3/29/07		

Ref.: SK–

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

THIRD ANGLE PROJECTION

DWN	FSH	3/29/07
CHKD	SJS	3/29/07
APPR	FSH	3/29/07

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 ASSEMBLY, STRAIGHT, EZ FOR T–FLEX 402 (ø.141)

MATERIAL: COUPLING NUT: SS–303
BODY: BRASS
CONTACT: BeCu

FINISH: COUPLING NUT: PASSIVATE
BODY: GOLD/Cu
CONTACT: GOLD/Ni

CAGE CODE: 50896

SCALE X:X

DWG NO.	REV.
T–FLEX 141	A