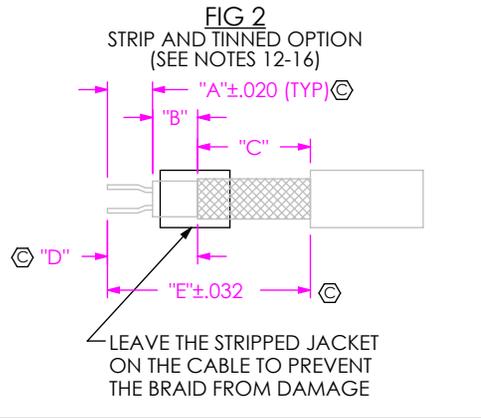


DO NOT SCALE FROM THIS PRINT



	CABLE CUT LENGTH	HI POT
STYLE	SUBTRACTOR	DCV
-SPSX	0.15 [3.81]	500
-RPSX	0.09 [2.29]	500
-BJTX	0.37 [9.40]	500
SING	0.00 [0.00]	500

LENGTH	TOLERANCE
04.00-08.00 [101.6-203.2]	+0.12 [3.0] / -0.00 [0.0]
08.01-20.00 [203.3-508.0]	+0.20 [5.1] / -0.00 [0.0]
20.01-43.00 [508.0-1092.2]	+0.40 [10.2] / -0.00 [0.0]
>43.01 [1092.3]	± 1%

NOTES:

- ⊗ REPRESENTS A CRITICAL DIMENSION.
- CABLE CUT LENGTH:
= (LENGTH: XXXX) - (SUBTRACTOR FOR END 1) - (SUBTRACTOR FOR END 2)
(SEE TABLE 1 FOR SUBTRACTORS).
- ASSEMBLY TO BE 100% TESTED FOR OPENS & SHORTS.
- ASSEMBLY TO BE 100% HI-POT TESTED PER TABLE 1, THE TEST VOLTAGE FOR THE ASSEMBLY SHOULD BE SET TO THE END OPTION WITH THE LOWEST TEST VOLTAGE RATING.
- AFTER FINAL ELECTRICAL TEST, LABEL EACH CABLE ASSEMBLY WITH 1 LABEL-ET.
- PIN 1 IS SOLDERED TO BLUE INSULATED WIRE.
- FINISHED ASSEMBLIES TO BE PACKAGED PER PACKAGING STANDARD CO-RF-WI-3040-M. ASSEMBLIES WITH LOCKWASHERS, NUTS, AND GASKETS TO BE SHIPPED KITTED AS ONE ASSEMBLY PER BAG, UNASSEMBLED
- CABLE STOCKED IN INCHES.
- CABLE LENGTHS LONGER THAN 36 INCHES ARE NOT SUPPORTED BY S.I. TEST DATA.
- MINIMUM BEND RADIUS: TBD.
- FOR SING ENDED OR STRIPPED AND TINNED ASSEMBLIES: MAKE A DOUBLE ENDED ASSEMBLY AT TWICE THE CABLE LENGTH AND E-TEST BEFORE CUTTING ASSEMBLY IN HALF.
- A+B+C HAVE A MINIMUM VALUE OF .00 & A MAXIMUM VALUE OF .40, LEAVE NO SPACE BLANK.
- PRODUCTION OF STRIP FOR CENTER DIELECTIC USE: A.
- PRODUCTION OF STRIP FOR SHIELD USE: D=A+B.
- PRODUCTION OF STRIP FOR JACKET USE: E=A+B+C.
- FOR STRIPPED AND TINNED OPTION, LEAVE THE STRIPPED JACKET ON THE CABLE TO PREVENT THE BRAID FROM DAMAGE, ONLY THE CENTER CONDUCTORS ARE TINNED.
- ALL CRITICALS ON KIT ASSEMBLY PRINTS TO BE CHECKED.
- ASSEMBLY INSTRUCTIONS CAN BE FOUND ON KIT ASSEMBLY PRINTS.
- CONNECTORS TO BE ORIENTED ACCORDING TO CO-RF-WI-3048-M.

C28X-XX.XX-XXXX-XXXXXX

CABLE CALLOUT
*28T: CCS-155709-01-PP CABLE
28S: TPS-28100-RF CABLE

OVERALL CABLE LENGTH
XX.XX IN. (04.00 MIN, SEE NOTE 8 & 9)

END 1 CONNECTOR

- SPS: STRAIGHT PLUG WITH SOCKETS (SEE SHT 2, FIG 3)
- RPS: RIGHT ANGLE PLUG WITH SOCKETS (SEE SHT 2, FIG 4)
- BJT: BULKHEAD JACK WITH TERMINALS (SEE SHT 2, FIG 5)

END 1 PLATING OPTION

- * 7: GOLD / FLASH GOLD / FLASH GOLD
10μ Au / 50μ Ni MIN ON CENTER
3μ Au / 50μ Ni MIN ON OUTER CONTACT & OTHER
- 8: HEAVY GOLD / HEAVY GOLD / FLASH GOLD
30μ Au / 50μ Ni MIN ON CENTER & OUTER CONTACT
3μ Au / 50μ Ni MIN ON OTHER
(SEE SHEET 2)

END 2 PLATING OPTION

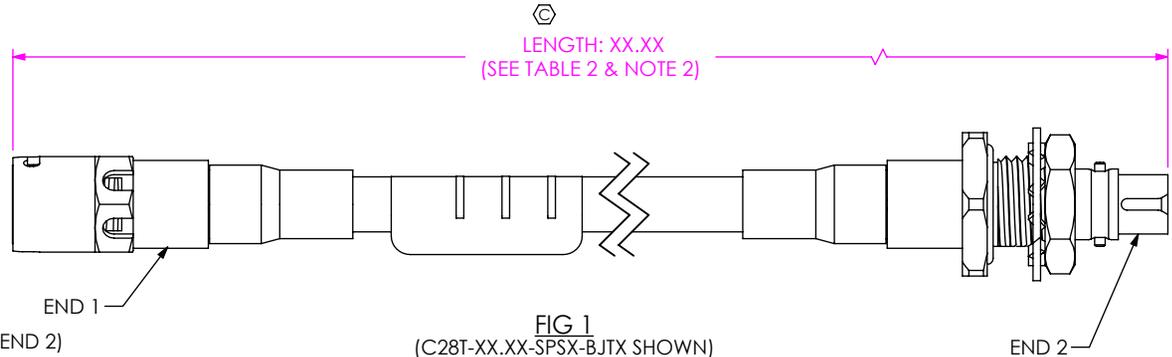
- * 7: GOLD / FLASH GOLD / FLASH GOLD
10μ Au / 50μ Ni MIN ON CENTER
3μ Au / 50μ Ni MIN ON OUTER CONTACT & OTHER
- 8: HEAVY GOLD / HEAVY GOLD / FLASH GOLD
30μ Au / 50μ Ni MIN ON CENTER & OUTER CONTACT
3μ Au / 50μ Ni MIN ON OTHER
(SEE SHEET 2)

END 2 CONNECTOR OR PREPARATION

- SPS: STRAIGHT PLUG WITH SOCKETS (SEE SHT 2, FIG 3)
- RPS: RIGHT ANGLE PLUG WITH SOCKETS (SEE SHT 2, FIG 4)
- BJT: BULKHEAD JACK WITH TERMINALS (SEE SHT 2, FIG 5)
- SING: SINGLE ENDED (SEE NOTE 11)
- XXXXXX: STRIPPED AND TINNED (SEE FIG 2, SHT 2 FIG 6 & NOTES 11-16)

"C" (.XX FORMAT)
"B" (.XX FORMAT)
"A" (.XX FORMAT)
(A+B+C MAY NOT EXCEED 1.18)

* = FOR EXISTING CUSTOMERS ONLY



F:\DWG\MISC\MKTG\C28X-XX.XX-XXXX-XXXXXX-MKT.SLDDRW

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [MILLIMETERS].
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [0.3]
.XXX: ±.005 [0.13]
.XXXX: ±.0020 [0.051]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
PINS, OUTER CONTACTS: PHOS BRONZE
SOCKETS: BERYLLIUM COPPER
SHELLS, NUTS, WASHERS: BRASS
DIELECTRIC: PTFE
GASKETS: RUBBER

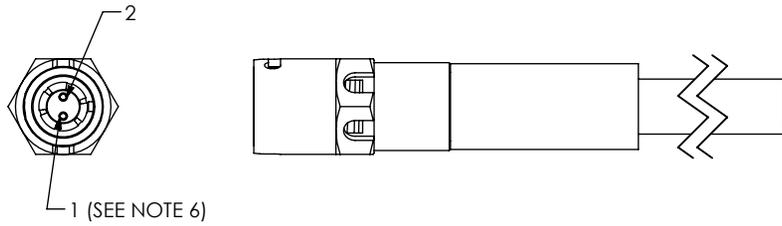
THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

samtec

520 PARK EAST BLVD. NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

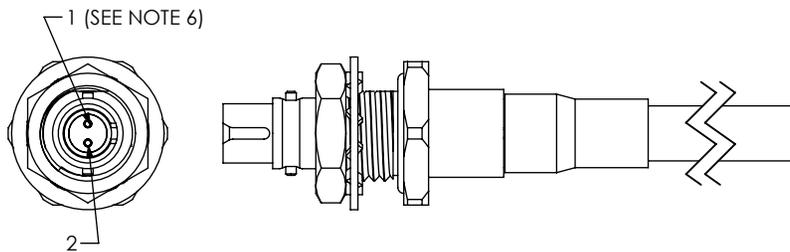
DESCRIPTION:
28 AWG CIRCULAR TWINAX CABLE ASSEMBLY
DWG. NO.
C28X-XX.XX-XXXX-XXXXXX
BY: ALVIN W 12/03/2010 SHEET 1 OF 2

FIG 3
(C28T-XX.XX-SPSX-SING SHOWN)



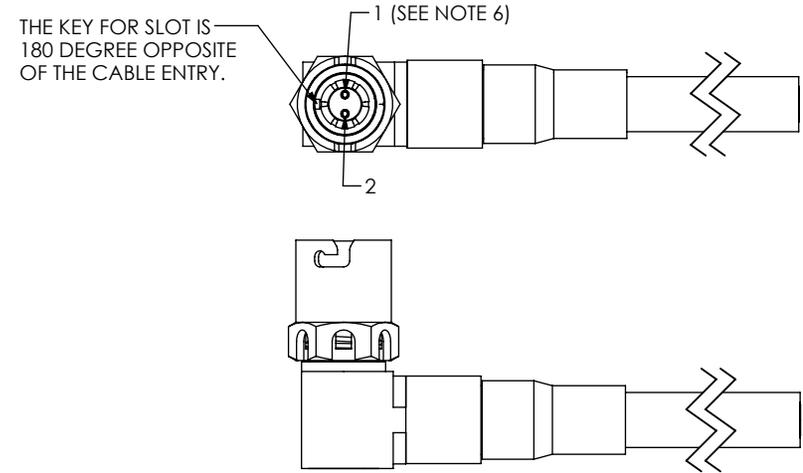
PLATING	CPT-S-C-XX-ST-C13
*7	-GF
8	-HH

FIG 5
(C28T-XX.XX-BJTX-SING SHOWN)



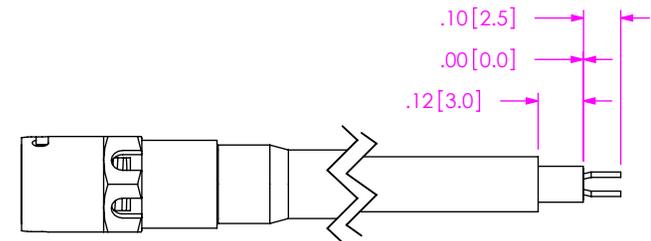
PLATING	CJT-T-C-XX-ST-B13
*7	-GF
8	-HH

FIG 4
(C28T-XX.XX-RPSX-SING SHOWN)



PLATING	CPT-S-C-XX-RA-C13
*7	-GF
8	-HH

FIG 6
(C28T-XX.XX-SPSX-100012 SHOWN)



F:\DWG\MISC\MKTG\C28X-XX.XX-XXXX-XXXXXX-MKT.SLDDRW

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SHEET SCALE: 2:1



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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
28 AWG CIRCULAR TWINAX CABLE ASSEMBLY

DWG. NO. C28X-XX.XX-XXXX-XXXXXX

BY: ALVIN W 12/03/2010 SHEET 2 OF 2