REVISION K

DO NOT SCALE FROM THIS PRINT

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)

FIG 2
STRIP AND TINNED OPTION
(SEE NOTES 12-16)

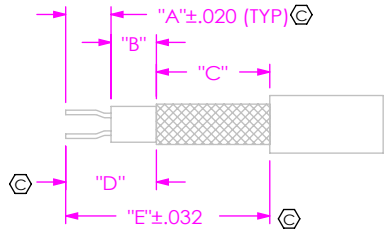


TABLE 1			
	CABLE CUT LENGTH		HI POT
STYLE	SUBTRACTOR		DCV
-SPSX	0.15	[3.81]	500
-RPSX	0.09	[2.29]	500
-BJTX	0.37	[9.40]	500
SING	0.00	[0.00]	500

TABLE 2: FINAL ASSEMBLY LENGTH TOLERANCE	
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%

*** = FOR EXISTING CUSTOMERS ONLY**

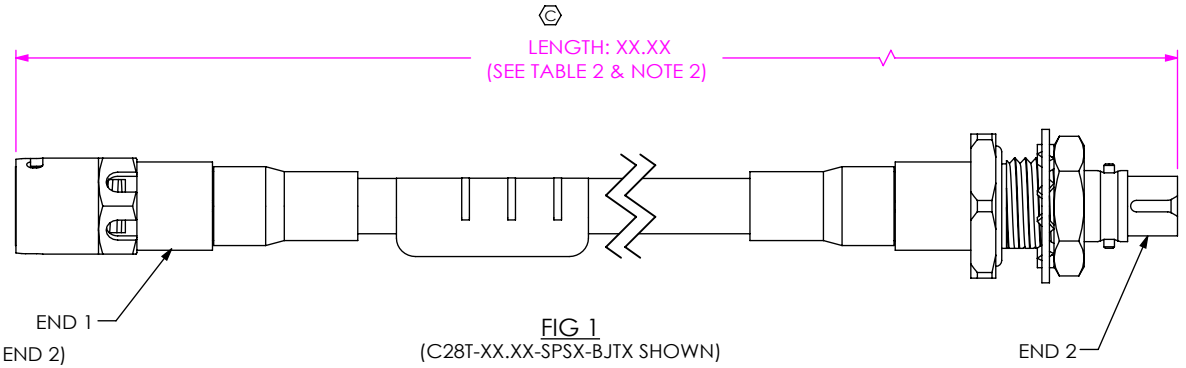


FIG 1
(C28T-XX.XX-SPSX-BJTX SHOWN)

NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. CABLE CUT LENGTH:
   = (LENGTH: XXXX) - (SUBTRACTOR FOR END 1) - (SUBTRACTOR FOR END 2)
   (SEE TABLE 1 FOR SUBTRACTORS).
3. Ⓒ ASSEMBLY TO BE 100% TESTED FOR OPENS & SHORTS.
4. Ⓒ 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.
5. AFTER FINAL ELECTRICAL TEST, LABEL EACH CABLE ASSEMBLY WITH 1 LABEL-ET.
6. PIN 1 IS SOLDERED TO BLUE INSULATED WIRE.
7. 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
8. CABLE STOCKED IN INCHES.
9. CABLE LENGTHS LONGER THAN 36 INCHES ARE NOT SUPPORTED BY S.I. TEST DATA.
10. MINIMUM BEND RADIUS: TBD.
11. 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.
12. A+B+C HAVE A MINIMUM VALUE OF .00 & A MAXIMUM VALUE OF .40, LEAVE NO SPACE BLANK.
13. PRODUCTION OF STRIP FOR CENTER DIELECTIC USE: A.
14. PRODUCTION OF STRIP FOR SHIELD USE: D=A+B.
15. Ⓒ PRODUCTION OF STRIP FOR JACKET USE: E=A+B+C.
16. FOR STRIPPED AND TINNED OPTION, ONLY THE CENTER CONDUCTORS ARE TINNED
17. ALL CRITICALS ON KIT ASSEMBLY PRINTS TO BE CHECKED.
18. ASSEMBLY INSTRUCTIONS CAN BE FOUND ON KIT ASSEMBLY PRINTS.
19. CONNECTORS TO BE ORIENTED ACCORDING TO CO-RF-WI-3048-M.

THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [MILLIMETERS].
TOLERANCES ARE:
DECIMALS: .XX: ±.01 [0.3] / .XXX: ±.005 [0.13] / .XXXX: ±.0020 [0.051]
ANGLES: 2 °

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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

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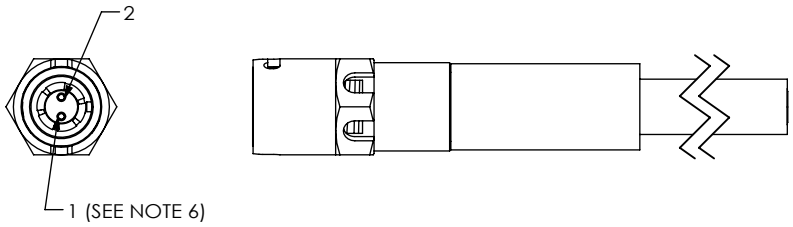
DESCRIPTION:
28 AWG CIRCULAR TWINAX CABLE ASSEMBLY

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

BY: ALVIN W 12/03/2010 SHEET 1 OF 2

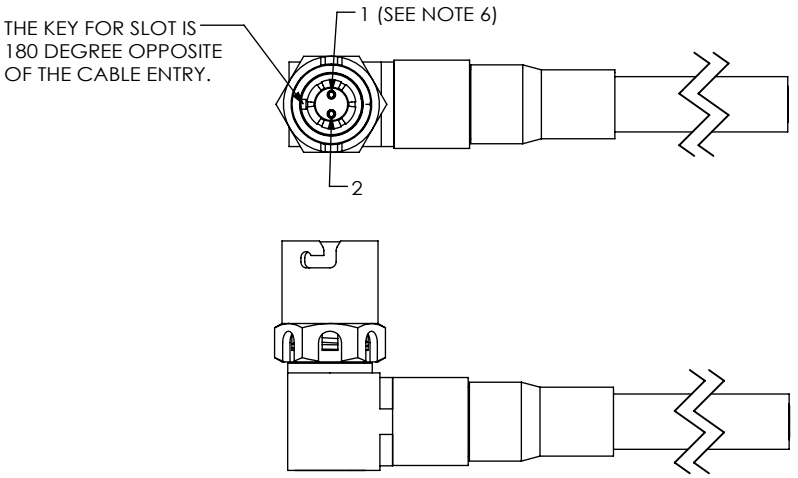
REVISION K

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



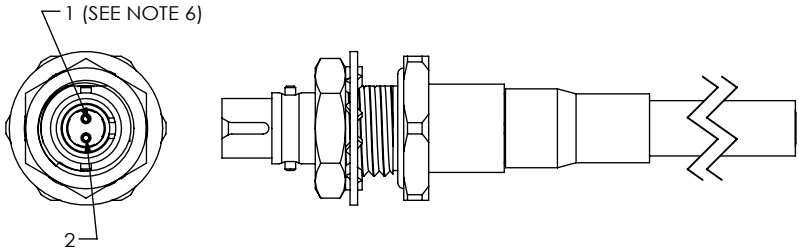
PLATING	CPT-S-C-XX-ST-C13
*7	-GF
8	-HH

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



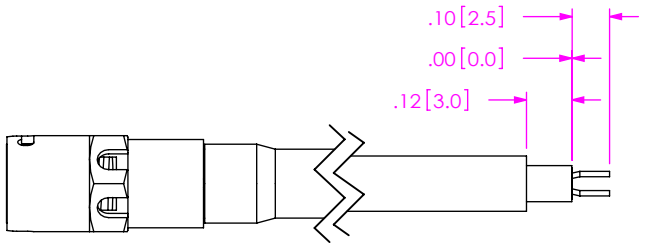
PLATING	CPT-S-C-XX-RA-C13
*7	-GF
8	-HH

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



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

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



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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