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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	04/12/2023	HBAKKE	GUTTADAURO

1. CONSTRUCTION:
- CONDUCTOR: 14 AWG TINNED COPPER
INSULATION: POLYVINYLCHLORIDE, .022" NOM. WALL THICKNESS
INNER JACKET: NYLON, .004" MIN THICKNESS
SHIELD: NON-WOVEN, COVERAGE ≥25%
JACKET: POLYVINYLCHLORIDE, BLACK, .045" NOM. WALL THICKNESS.
OVERALL CABLE DIAMETER

NOM. DIA.
.076"
.118"
.128"
.362±.012"

2. PHYSICAL PROPERTIES:
- TEMPERATURE RATING, MAX 90 °C
TEMPERATURE RATING, MIN. -40 °C
JACKET IS UV RESISTANT

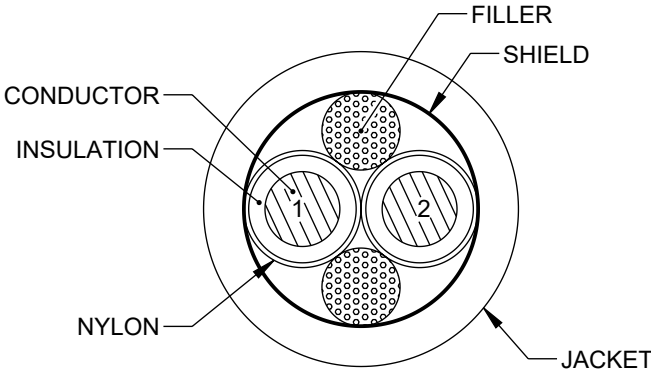
3. ELECTRICAL CHARACTERISTICS:
- DIELECTRIC STRENGTH (kv/1min) 2.0(AC)
VOLTAGE RATING, MAX. 600V
MAX COND D.C. RESISTANCE AT 20 °C (Ω/km) ≤8.96

4. REFERENCE STANDARD:
- UL1277 & UL1581 & UL83
MEETS (UL) VW-1 FLAME TEST

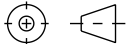
5. MARKING IN WHITE:
- E497465 (UL) TYPE TC-ER THHN 2C 14AWG 90 °C DRY/75 °C WET
600V SUN RES VW-1 -40 °C JHOSIN

6. CONDUCTOR COLOR:
1. RED
2. BLACK

REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)



CROSS-SECTIONAL VIEW

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +2 [51] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0 ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS .XX = ± .02 [.5] ± 1/32 .XXX = ± .005 [.13] ANGLES ± 1°	APPROVALS		DATE		TRANSTECTOR an INFINITI® brand 10701 Airport Road, Hayden, ID 83835 Phone: 1.208.635.6400 Fax: 1.208.955.2041	
	DRAWN BY HBAKKE		04/12/2023			
	CHECKED BY DMAY		04/12/2023			
	APPROVED BY DGUST		04/12/2023			
THIRD-ANGLE PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		PRODUCT DESCRIPTION Shielded Power Bulk Tray Cable, Exposed Run, 2 Conductor 14AWG 600V, TC-ER THHN THWN, UL86 UL1277 UL1581, 90C UV Res VW-1 PVC Black, 1KFT			
			CATEGORY BULK CABLE			
	COLOR VARIATIONS MAY OCCUR		SIZE A	CAGE CODE 30992	ITEM NO. BPCTC142S	REV. A
		SCALE: NONE		CAD FILE: BPCTC142S.SLDDRW		SHEET 1 OF 1