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

1. CONSTRUCTION:

CONDUCTOR: 12 AWG TINNED COPPER
 INSULATION: POLYVINYLCHLORIDE, .015" 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.
 .091"
 .144"
 .155"
 .413±.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) ≤5.64

4. REFERENCE STANDARD:

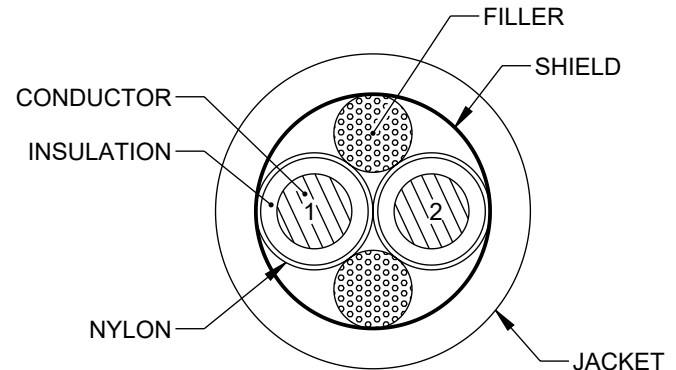
UL1277 & UL1581 & UL83
 MEETS (UL) VW-1 FLAME TEST

5. MARKING IN WHITE:

E497465 (UL) TYPE TC-ER THHN 2C 12AWG 90°C DRY/75°C WET
 600V SUN RES VW-1 -40°C JHOSIN

6. CONDUCTOR COLOR:


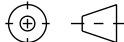
1. RED
2. BLACK



CROSS-SECTIONAL VIEW

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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 ± 1/32 .XX = ± .02 [5] ANGLES ± 1° .XXX = ± .005 [1.3]	APPROVALS	DATE	 an INFINITI® brand CATEGORY BULK CABLE PRODUCT DESCRIPTION Shielded Power Bulk Tray Cable, Exposed Run, 2 Conductor 12AWG 600V, TC-ER THHN THWN, UL86 UL1277 UL1581, 90C UV Res VW-1 PVC Black, 1KFT	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	COLOR VARIATIONS MAY OCCUR	SIZE A	CAGE CODE 30992	ITEM NO. BPCTC122S	REV. A
SCALE: NONE		CAD FILE: BPCTC122S.SLDDRW		SHEET 1 OF 1		