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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	04/18/2023	DZINN	GUTTADAURO

1. CONSTRUCTION:
- CONDUCTOR: 12 AWG TINNED COPPER
- INSULATION: POLYVINYLCHLORIDE, .015" NOM. WALL THICKNESS
- INNER JACKET: NYLON, MIN THICKNESS .004"
- JACKET: POLYVINYLCHLORIDE, BLACK, .045" NOM. WALL THICKNESS.
- OVERALL CABLE DIAMETER

NOM. DIA.

.091"

.143"

.155"

.453±.016"

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 (W/km) ≤5.64

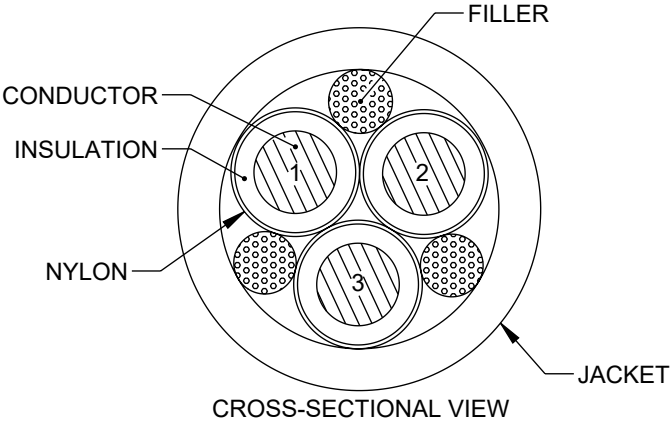
4. REFERENCE STANDARD:
- UL1277 & UL1581 & UL83
- MEETS (UL) VW-1 FLAME TEST


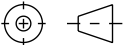
5. MARKING IN WHITE:
- E497465 (UL) TYPE TC-ER THHN/THWN 3C 12AWG 90°C DRY/75°C WET
- 600V SUN RES VW-1 -40°C JHOSIN

6. CONDUCTOR COLOR:
1. RED
2. BLACK
3. BLUE

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]		APPROVALS		DATE		<div><b>TRANSECTOR</b> an INFINITI® brand</div> <div>10701 Airport Road, Hayden, ID 83835 Phone: 1.208.635.6400 Fax: 1.208.955.2041</div>					
<div>OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 &gt;12 [305] ≤60 [1524] = +2 [51] / -0 &gt;60 [1524] ≤120 [3048] = +4 [102] / -0 &gt;120 [3048] ≤300 [7620] = +6 [152] / -0 &gt;300 [7620] = +5% / -0</div> <div>ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5]      FRACTIONS .XX = ± .02 [.5]      ± 1/32 .XXX = ± .005 [.13]      ANGLES ± 1°</div>											
								DRAWN BY DZINN		04/18/2023	
								CHECKED BY HBAKKE		04/18/2023	
APPROVED BY DGUST						04/18/2023		CATEGORY  BULK CABLE			
CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY						PRODUCT DESCRIPTION POWER BULK TRAY CABLE, ER, 12AWG, 3C, BLK, 600V, 1KFT					
THIRD-ANGLE PROJECTION 		COLOR VARIATIONS MAY OCCUR		SIZE A	CAGE CODE 30992	ITEM NO. BPCTC123		REV. A			
				SCALE: NONE		CAD FILE: BPCTC123.SLDRW		SHEET 1 OF 1			