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

1. CONSTRUCTION:

CONDUCTOR:	10 AWG TINNED COPPER	NOM. DIA.	.116"
INSULATION:	POLYVINYLCHLORIDE, .020" NOM. WALL THICKNESS		.169"
INNER JACKET:	NYLON, .004" MIN THICKNESS		.181"
JACKET:	POLYVINYLCHLORIDE, BLACK, .045" NOM. WALL THICKNESS.		
	OVERALL CABLE DIAMETER		.504±.02"

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)	≤3.546

4. REFERENCE STANDARD:

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

5. MARKING IN WHITE:

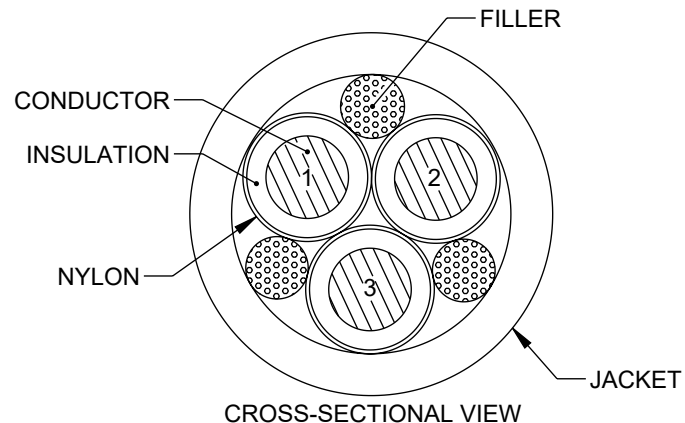
E497465 (UL) TYPE TC-ER THHN/THWN 3C 10AWG 90°C DRY/75°C WET
600V SUN RES VW-1 -40°C JHOSIN

6. CONDUCTOR COLOR:

1. RED
2. BLACK
3. BLUE

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)



<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]</p> <p>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</p> <p>ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS ± 1/32 .XX = ± .02 [5] ANGLES ± 1° .XXX = ± .005 [1.3]</p> <p>THIRD-ANGLE PROJECTION</p>	APPROVALS	DATE	<p>50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936</p>	
	DRAWN BY DZINN	04/18/2023		
	CHECKED BY HBAKKE	04/18/2023		
	APPROVED BY DGUST	04/18/2023		
	<p>CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY</p>		<p>CATEGORY</p> <p>BULK CABLE</p>	
	<p>COLOR VARIATIONS MAY OCCUR</p>		<p>PRODUCT DESCRIPTION</p> <p>POWER BULK TRAY CABLE, ER, 10AWG, 3C, BLK, 600V, 1KFT</p>	
	SIZE A	CAGE CODE 43321	ITEM NO. PBTC103	REV. A
	SCALE: NONE		CAD FILE: PBTC103.SLDDRW	SHEET 1 OF 1