

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TRANSTECTOR, INC.. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF TRANSTECTOR, INC. IS PROHIBITED.

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:

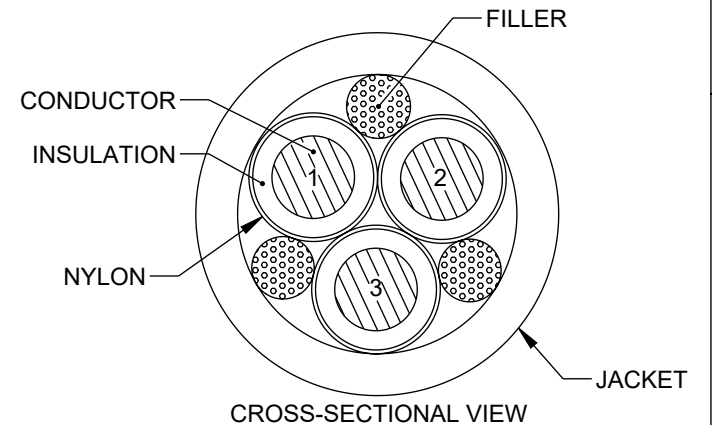
E497465 (UL) TYPE TC-ER THHN/THWN 3C 10AWG 90°C DRY/75°C WET
600V SUN RES VW-1 -40°C JHOSIN

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>10701 Airport Road, Hayden, ID 83835 Phone: 1.208.635.6400 Fax: 1.208.955.2041</p>		
	DRAWN BY DZINN	04/18/2023			
	CHECKED BY HBAKKE	04/18/2023			
	APPROVED BY DGUST	04/18/2023			
CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	<p>CATEGORY</p> <p>BULK CABLE</p>		<p>PRODUCT DESCRIPTION</p> <p>POWER BULK TRAY CABLE, ER, 10AWG, 3C, BLK, 600V, 1KFT</p>		
COLOR VARIATIONS MAY OCCUR	<p>SIZE</p> <p>A</p>	<p>CAGE CODE</p> <p>30992</p>		<p>ITEM NO.</p> <p>BPCTC103</p>	<p>REV.</p> <p>A</p>
SCALE: NONE		CAD FILE: BPCTC103.SLDDRW		SHEET 1 OF 1	