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

1. CONSTRUCTION:

CONDUCTOR: 14 AWG TINNED COPPER
 INSULATION: POLYVINYLCHLORIDE, .022" NOM. WALL THICKNESS
 INNER JACKET: NYLON, MIN THICKNESS .004"
 JACKET: POLYVINYLCHLORIDE, BLACK, .045" NOM. WALL THICKNESS.
 OVERALL CABLE DIAMETER

NOM. DIA.

.076"

.118"

.128"

.394±.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 (W/km) ≤8.96

4. REFERENCE STANDARD:

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

5. MARKING IN WHITE:

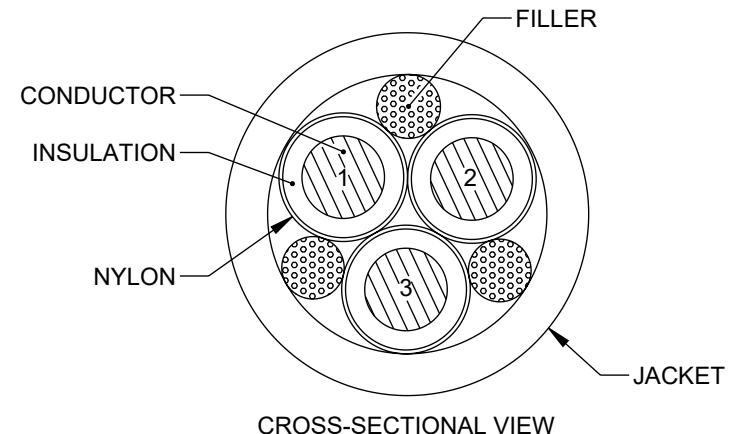
E497465 (UL) TYPE TC-ER THHN/THWN 3C 14AWG 90°C DRY/75°C WET
 600V SUN RES VW-1 -40°C JHOSIN

6. CONDUCTOR COLOR:

1. RED
2. BLACK
3. BLUE

REGULATORY COMPLIANCE:

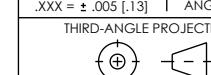
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)



UNLESS OTHERWISE SPECIFIED,
 DIMENSIONS ARE IN INCHES [mm]

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

DRAWN BY 04/18/2023

CHECKED BY 04/18/2023

APPROVED BY 04/18/2023

 **TRANSTECTOR**
an INFINIT brand

10701 Airport Road,
 Hayden, ID 83835
 Phone: 1.208.635.6400
 Fax: 1.208.955.2041

CATEGORY BULK CABLE

PRODUCT DESCRIPTION
 POWER BULK TRAY CABLE, ER, 14AWG,
 3C, BLK, 600V, 1KFT

SIZE A	CAGE CODE 30992	ITEM NO. BPCTC143	REV. A
SCALE: NONE	CAD FILE: BPCTC143.SLDDRW		SHEET 1 OF 1