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

1. CONSTRUCTION:

CONDUCTOR: 10 AWG TINNED COPPER
 INSULATION: POLYVINYLCHLORIDE, .020" NOM. WALL THICKNESS
 INNER JACKET: NYLON, .004" MIN THICKNESS
 SHIELD: NON-WOVEN, COVERAGE $\geq 25\%$
 JACKET: POLYVINYLCHLORIDE, BLACK, .045" NOM. WALL THICKNESS.
 OVERALL CABLE DIAMETER

NOM. DIA.

.116"
 .169"
 .181"

.472 \pm .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 (Ω/km) ≤ 3.546

4. REFERENCE STANDARD:

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

5. MARKING IN WHITE:

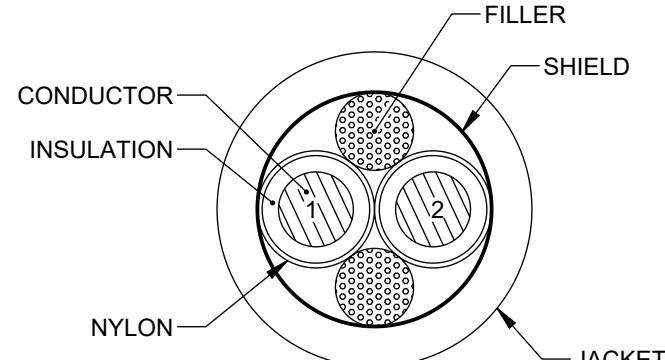
E497465 (UL) TYPE TC-ER THHN 2C 10AWG 90°C DRY/75°C WET
 600V SUN RES VW-1 -40°C JHOSIN

6. CONDUCTOR COLOR:

1. RED
2. BLACK

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

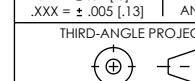


CROSS-SECTIONAL VIEW

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:
 $.X = \pm .2$ [5] FRACTIONS
 $.XX = \pm .02$ [5] $\pm 1/32$
 $.XXX = \pm .005$ [1.3] ANGLES $\pm 1^\circ$



CONFIGURATION DETAILS OF
 UNDIMENSIONED FEATURES
 MAY VARY

APPROVALS

DATE

DRAWN BY

HBAKKE

04/12/2023

CHECKED BY

DMAY

04/12/2023

APPROVED BY

DGUST

04/12/2023



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CATEGORY

BULK CABLE

PRODUCT DESCRIPTION			
Shielded Power Bulk Tray Cable, Exposed Run, 2 Conductor 10AWG 600V, TC-ER THHN THWN, UL86 UL1277 UL1581, 90C UV Res VW-1 PVC Black, 1KFT			
SIZE	CAGE CODE	ITEM NO.	REV.
A	30992	BPCTC102S	A
SCALE: NONE	CAD FILE: BPCTC102S.SLDDRW		SHEET 1 OF 1