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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

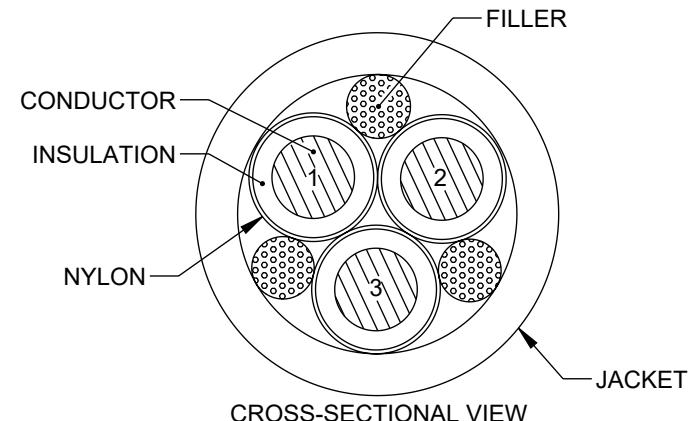
3. ELECTRICAL CHARACTERISTICS:
 DIELECTRIC STRENGTH (kv/1min) 2.0(AC)
 VOLTAGE RATING, MAX. 600V
 MAX COND D.C. RESISTANCE AT 20°C (W/km) ≤5.64

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]

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 [1.3] ANGLES ± 1°



APPROVALS DATE

DRAWN BY DZINN 04/18/2023

CHECKED BY HBAKKE 04/18/2023

APPROVED BY DGUST 04/18/2023



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CATEGORY

BULK CABLE

SIZE

A

CAGE CODE

30992

ITEM NO.

BPCTC123

REV.

A

SCALE: NONE

CAD FILE: BPCTC123.SLDDRW

SHEET 1 OF 1