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REVISION				
ZONE	REV.	DESCRIPTION	DATE	CHANGED BY
	A	INITIAL RELEASE	01/18/2023	DMAY
				DGUTTADAURO

1. CONSTRUCTION:
- CONDUCTOR: 20 AWG 10/30 STRANDED BARE COPPER NOM. DIA. .037"
- INSULATION: POLYVINYLCHLORIDE, .013" NOM. WALL THICKNESS .063"
- PAIR: (2) INSULATED COLOR CODED SINGLES TWISTED TOGETHER TO FORM A PAIR. .126"
- PAIR SHIELD: AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE) SHALL BE APPLIED OVER EACH PAIR AND SHALL CONTAIN A 22 AWG 7/30 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE FOR EASY TERMINATION. .131"
- CABLE: (2) PAIRS TWISTED TOGETHER TO FORM A CABLE CORE. .225"
- SHIELD: AN OVERALL ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE AND INCLUDE A 22 AWG 7/30 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE FOR EASY TERMINATION. .228"
- JACKET: POLYVINYLCHLORIDE, BLACK, .037" NOM. WALL THICKNESS. OVERALL CABLE DIAMETER .312" (BY PI TAPE)

2. PHYSICAL PROPERTIES:
- TEMPERATURE RATING, MAX 80°C & 105°C
- TEMPERATURE RATING, MIN. -40°C
- WT./M', NOM., NET. 47.8 LBS
- JACKET IS SUNLIGHT RESISTANT

3. ELECTRICAL CHARACTERISTICS:
- CAPACITANCE, MUTUAL, NOM. 33 PF/FT.
- CAPACITANCE, GROUNDED, NOM. 61 PF/FT.
- DIELECTRIC WITHSTANDING, MIN. 2000V RMS
- VOLTAGE RATING, MAX. 300V
- D.C. RESISTANCE, MAX. 10.5 Ω/1000'

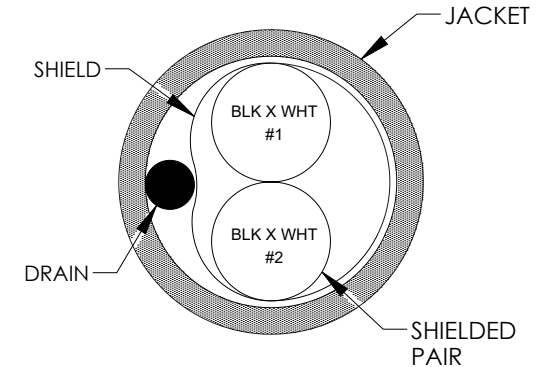
4. AGENCY APPROVALS:
- NEC (UL) TYPE PLTC
- NEC (UL) TYPE ITC
- NEC (UL) TYPE CM
- CEC C(UL) TYPE CM
- UL AWM STYLE 2464

5. APPLICATION:
- PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE.
- CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS.

6. PRINT: (WHITE INK)
- QUABBIN P/N 0325 (UL) TYPE PLTC OR ITC 20 AWG SHIELDED 105C SUN RES OR C(UL)US TYPE CM
- OR AWM 2464 -- RoHS -- (LOT DESIGNATOR)

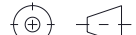

7. COLOR CODE:
- EACH PAIR: BLACK X WHITE
- PAIRS NUMBERED #1 TO #2
- WHITE INK ON BLACK CONDUCTORS
- BLACK INK ON ALL OTHER CONDUCTORS

CROSS-SECTIONAL VIEW



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° THIRD-ANGLE PROJECTION 	APPROVALS	DATE	 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936		
	DRAWN BY DMAY	01/18/2023			
	CHECKED BY HBAKKE	01/18/2023	CATEGORY		
	APPROVED BY DGUTTADAURO	01/18/2023	BULK CABLE		
CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		PRODUCT DESCRIPTION PLTC ITC BULK 20AWG, 2 SHIELDED PAIRS, BLK, 1KF			
COLOR VARIATIONS MAY OCCUR		SIZE A	CAGE CODE 43321	ITEM NO. PBPLTC-202PDS-1K	REV. A
		SCALE: NONE		CAD FILE: PBPLTC-202PDS-1K.SLDDRW	SHEET 1 OF 1