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NOTES

- 1. Item: Cable, Special Purpose, Electrical
- Description: Insulated stranded conductors in twisted pair configuration
- Conductors: Each insulated conductor shall be in accordance with MIL-W-16878/14, Crosslinked Polyethylene (XLPE), 125°C, 600V.
- 2.2 Conductor Size: No. 24 AWG (19 x 36 stranding)
- 2.2.1 7 x 32 stranding is an acceptable second choice.
- 2.3 Number of Conductors: Two
- 2.4 Color Coding: Conductor pairs are color coded. See Table I.
- 2.5 Cable Construction: The insulated conductors shall be twisted with two twists per inch, nominal.
- 2.6 Nominal Impedance: 100 chms
- 2.7 Capacitance Between Conductors (at 1 KHz): 16 picofarads per foot nominal
- Marking: The cable shall be marked with the manufacturer's identification, the manufacturer's part number, and other marking information normally supplied. Package marking is acceptable in lieu of cable marking.
- Workmanship: Uniformity of shape and performance shall permit interchangeability of the cable. There shall be no kinks, splints, cuts, cracks, abrasions or other injurious defects. Individual conductors in the cable shall be mechanically secure and electrically continuous and shall be free from any imperfections which can affect their serviceability.
- 5. Lot Conformance Testing: The manufacturer shall be responsible for assuring compliance to all the requirements of this drawing. Minimum testing on each lot shall consist of the following:
 - a. Visual (workmanship, conductors)
 - b. Electrical Continuity (conductors within cable)

: ·	SIZE A	CAGE 67032		DRAWING NO. 19-2728680	0
	SCALE: NON	Ε	REV.	SHEET 2	>

- Packaging and Packing: The cable shall be suitably packaged and packed to avoid damage during shipment, handling and storage and to be easily unpacked without damage.
- Suggested Source(s) of Supply
 - a) Pacer Electronics Corp. Woburn, MA 01801-5205

CAGE No.: 6S807

Manufacturer's Part No.: See Table I

b) FJC Electronics Co. 500 Main St. Clinton, MA 01510

CAGE No.: 1CA37

Marufacturer's Part No.: See Table I

c) Colonial Wire & Cable Co. 1221 Westford St. Lowell, MA 01851

CAGE No.: None Available

Manufacturer's Part No.: See Table I

- Procuring Activity Part No.: See Table I
- 9. Identification of the Suggested Source(s) of Supply hereon is not to be construed as a guarantee of present or continued availability as a source of supply for the cable.
- 10. Ordering Information: Cable length shall be as specified in the purchase order.

SIZE A	CAGE 6703:	2	DRAWING NO. 19-2728680		
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TABLE I

	TAI	RE I
PROCURING ACTIVITY PART NO. 19-2728680	COLOR CODING	MANUFACTURER'S * PART NO.
-1	WHT BLK	16878/14BEE09TWPR
-2	BRN BLK	16878/14BEE01TWPR
-3	RED BLK	16878/14BEE02TWPR
-4	ORN BLK	16878/14BEE03TWPR
-5	YEL BLK	16878/14BEE04TWPR
-6	GRN BLK	16878/14BEE05TWPR
-7	BLU BLK	16878/14BEE06TWPR
-8	VIO BLK	16878/14BEE07TWPR
-9	GRA BLK	16878/148EE08TWPR

^{*} IF ACCEPTABLE SECOND CHOICE OF 7 x 32 STRANDING IS USED, MANUFACTURER'S PART NO. WOULD THEN BE 16878/14BEB__TWPR

	SIZE A	CAGE 67032		DRAWING NO. 19-2728680		
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