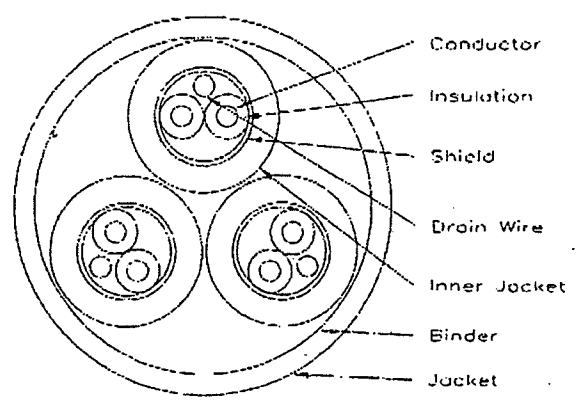


EV22P0031020

file with
181-0547
(72B-1552) *F*



Description: 3/Pairs #22 AWG Tinned Copper PVC Insulation; Each Pair Shielded with Foil, Drain Wire and PVC Jacket, Overall Foam Polypropylene Tape and Black Polyurethane Jacket

A. Construction:

- 1.0 Shielded Pair:
 - 1.1 Conductor: #22 AWG 7/30 Tinned Copper; OD: .030" Nom.
 - 1.2 Insulation: .016" Wall PVC 105°C OD: .062" Nom
 - 1.3 Color Code: Yellow, Blue
 - 1.4 Drain Wire: #22 AWG 7/30 Tinned Copper.
 - 1.5 Shield: Aluminum/Polyester Tape 25% Overlap (Alum Side In)
 - 1.6 Inner Jacket: .037" Wall PVC; Color: Black (Number Printed Alpha Numeric #1-3) OD: .205" Nom.

- 2.0 Final Cable:
 - 2.1 Fillers: None
 - 2.2 Binder: Foam Polypropylene Tape; 25% Overlap
 - 2.3 Jacket: .025" Wall Polyurethane Jacket; Color: Black OD: .500" Nom.

- ★ 3.0 Marking: DOBLE PART NO. 181-0547 (REV 3) mm-DD-YY

B. Electrical Characteristics:

- 1.0 Conductor DCR: 17.22 Ohms/1000 FT Max.
- 2.0 Temp. and Voltage Rating: -40°C to +105°C / 300 VAC Max.

C. Cable weight:

100.0 Lbs./Mft Nom.

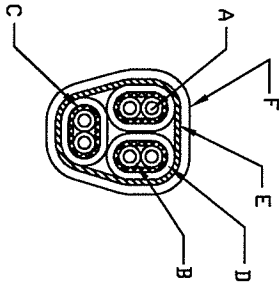
NOTE: THE APPEARANCE OF THIS CABLE WILL BE A TRIANGULAR SHAPE PER DOBLE DRAWING NO. 72B-1552 REV. 2

Rev 3

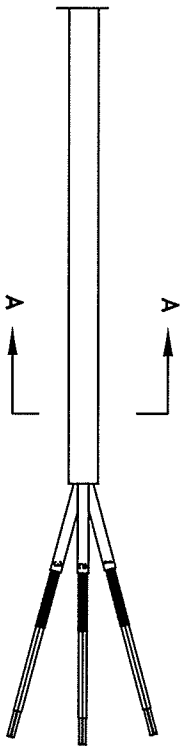
Helix/HiTemp Cables

20 Forge Park, Franklin, Ma 02038
Phone: 508-541-7100 Fax: 508-541-8122

			Part Number	EV22P0031020	
			Title:	3/PR #22 AWG IND. SHIELDED CABLE	
A	11/11/99	Initial Release	Drawn By:	GT	Date: 11/11/99
Rev	Date	Change Detail	App'd By:	GT	Page 1 of 1



SECTION A-A



NOTES:

- A) TWO NO. 22 AVG (7/30) TINNED COPPER CONDUCTORS, TWISTED.
- B) 16 MILL. PVC COLORED (PROTOTYPE TO BE YELLOW AND BLUE ONLY).
- C) 1.5 MILL. ALUMINIZED NYLAR SHIELD WITH 22 AVG. (7-30) DRAIN WIRE.
- D) 35-40 MILL. PVC, BLACK, NUMBERED 1 THROUGH 3.
- E) 5 MILL. OVERALL BINDER FOAM POLYPROPYLENE.
- F) 25-30 MILL. POLYURETHANE TUBED ON JACKET 88 SHORE-A, BLACK MATTE FINISH.
- G) MARK DOUBLE PART NO. 181-0547 AND PURCHASE ORDER NO. XXXXXX; APPROX. EVERY 3FT.

NEXT ASSY 181-0547		THIS DRAWING CONTAINS INFORMATION OF A PROTOTYPE AND IS NOT TO BE RELEASED TO OTHER PERSONNEL OF THIS CORPORATION OR TO THE PUBLIC WITHOUT THE WRITTEN PERMISSION OF THE ENGINEERING DEPARTMENT.	
STANDARD TOLERANCES			
FINISH	AS SHOWN	UNLESS OTHERWISE SPECIFIED	
RA	0.0008	UNLESS OTHERWISE SPECIFIED	
RA	0.0016	UNLESS OTHERWISE SPECIFIED	
RA	0.0032	UNLESS OTHERWISE SPECIFIED	
RA	0.0064	UNLESS OTHERWISE SPECIFIED	
RA	0.0127	UNLESS OTHERWISE SPECIFIED	
RA	0.0254	UNLESS OTHERWISE SPECIFIED	
RA	0.0508	UNLESS OTHERWISE SPECIFIED	
RA	0.1016	UNLESS OTHERWISE SPECIFIED	
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RA	0.8128	UNLESS OTHERWISE SPECIFIED	
RA	1.6256	UNLESS OTHERWISE SPECIFIED	
RA	3.2512	UNLESS OTHERWISE SPECIFIED	
RA	6.5024	UNLESS OTHERWISE SPECIFIED	
RA	13.0048	UNLESS OTHERWISE SPECIFIED	
RA	26.0096	UNLESS OTHERWISE SPECIFIED	
RA	52.0192	UNLESS OTHERWISE SPECIFIED	
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RA	208.0768	UNLESS OTHERWISE SPECIFIED	
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