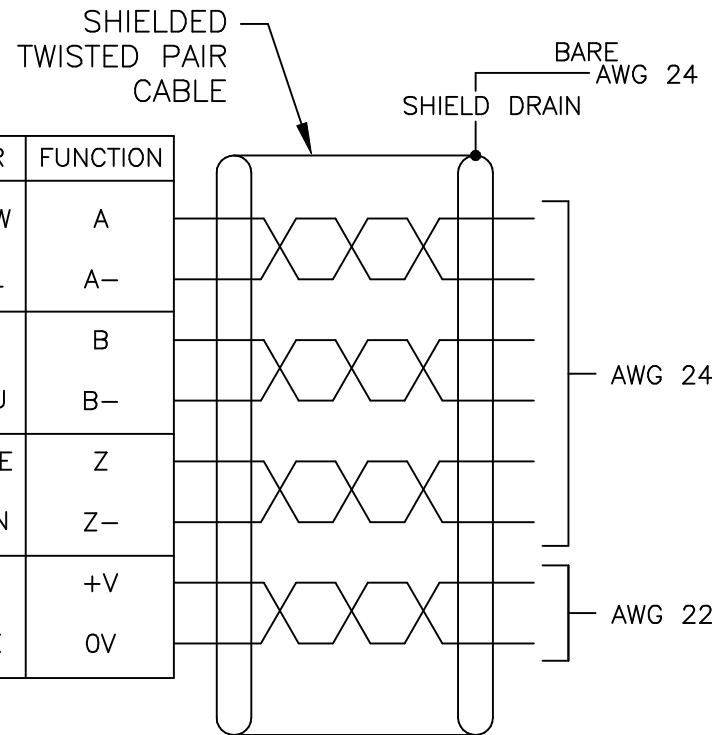
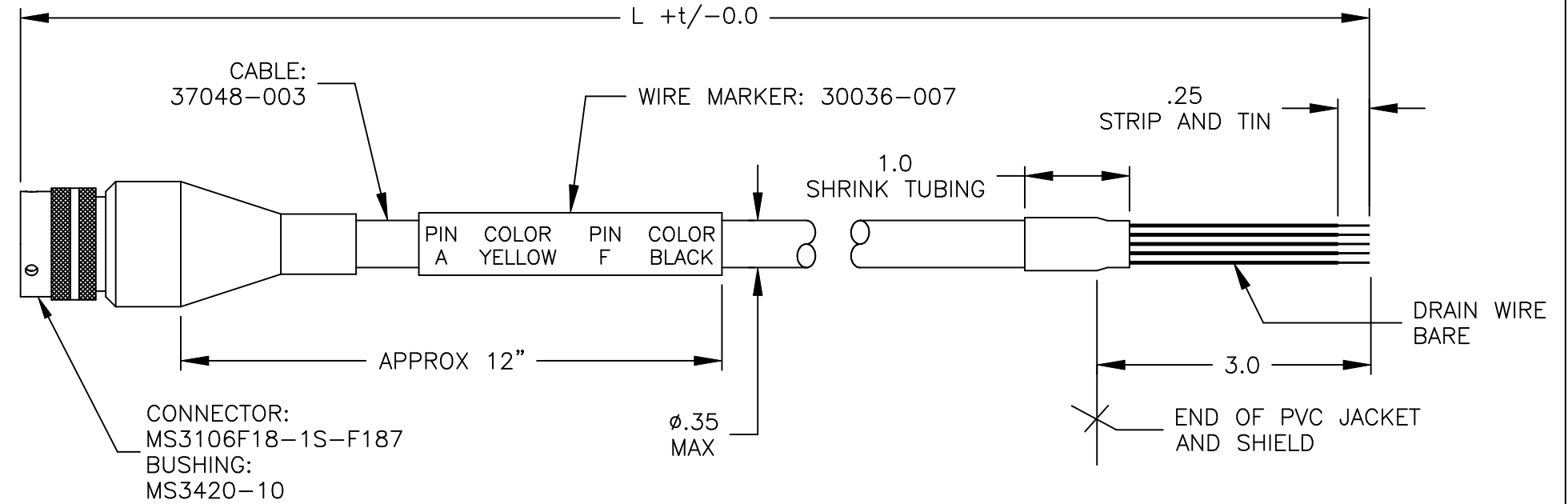


CABLE DESCRIPTION:
 TINNED COPPER, PVC INSULATED,
 OVERALL FOIL ALUMINUM-POLYESTER SHIELD,
 24 AWG STRANDED TINNED COPPER DRAIN WIRE,
 OVERALL TINNED COPPER BRAID SHIELD, 6% COVERAGE
 (65% COVERAGE), GRAY PVC JACKET.

CONDUCTORS:
 AWG PER TABLE
 4 TWISTED PAIRS
 NOMINAL IMPEDANCE: 100 OHM
 NOMINAL CAPACITANCE BETWEEN CONDUCTORS: 12.5pF/FT.
 NOMINAL CAPACITANCE BETWEEN ONE CONDUCTOR AND OTHER
 CONDUCTORS CONNECTED TO SHIELD: 22pF/FT.

APPLICATION:
 THIS CABLE IS INTENDED FOR DIFFERENTIAL LINE DRIVER
 OUTPUT ENCODERS OR THOSE WITH COMPLIMENTARY OUTPUTS.
 REFER BEI DRAWING 924-08069-002 FOR DETAILED
 TERMINATION GUIDELINES.

REVISIONS			
REV	ECO #	DESCRIPTION	DATE
D	8281	JACKET WAS CHROME PVC	06/23/11



PIN	COLOR	FUNCTION
A	YELLOW	A
H	W/YEL	A-
B	BLUE	B
I	W/BLU	B-
C	ORANGE	Z
J	W/ORN	Z-
D	RED	+V
F	BLACK	0V

WARNING:
 CABLE SHIELD IS FLOATED (NOT CONNECTED)
 AT CONNECTOR. SHIELD CONNECTION MAY BE
 REQUIRED FOR SAFETY OR NOISE IMMUNITY.

BEI P/N	CABLE LENGTH 'L' DIM	TOLERANCE 't'
924-31186-1810	10 FT	0.5'
924-31186-1820	20 FT	1.0'
924-31186-1830	30 FT	1.5'
924-31186-1850	50 FT	2.5'

MATERIAL NOTED	FINISH NOTED	APPROVALS	DATE	<p>7230 Hollister Ave. Goleta, Ca 93117-2891 Tel: (805) 968-0782 Fax: (805) 968-3154</p>								
THESE COMMODITIES, TECHNOLOGY OR SOFTWARE IF EXPORTED FROM THE UNITED STATES MUST BE IN ACCORDANCE WITH THE BUREAU OF INDUSTRY, EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.		DRAWN KRB	11/20/07									
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF BEI SENSORS. ANY REPRODUCTION, USE OR DISCLOSURE OF THIS DOCUMENT WITHOUT WRITTEN CONSENT OF BEI SENSORS IS EXPRESSLY PROHIBITED.		APPROVED										
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND APPLY AFTER FINISH .XX ±.01 .XXX ±.005 ANGLES ±0° 30' ALL DIA. TO BE © WITHIN .010		CABLE, DIFF. OUTPUT, 10 PIN CONN 4 TWISTED PAIR, OVERALL SHIELD		<table border="1"> <tr> <td>SIZE</td> <td>CAGE CODE</td> <td>DWG. NO.</td> <td>REV.</td> </tr> <tr> <td>B</td> <td>1RB90</td> <td>31186-18XX</td> <td>D</td> </tr> </table>	SIZE	CAGE CODE	DWG. NO.	REV.	B	1RB90	31186-18XX	D
SIZE	CAGE CODE	DWG. NO.	REV.									
B	1RB90	31186-18XX	D									
SCALE: NONE		FILE: 31186-18XX_E	SHEET 1 OF 1									