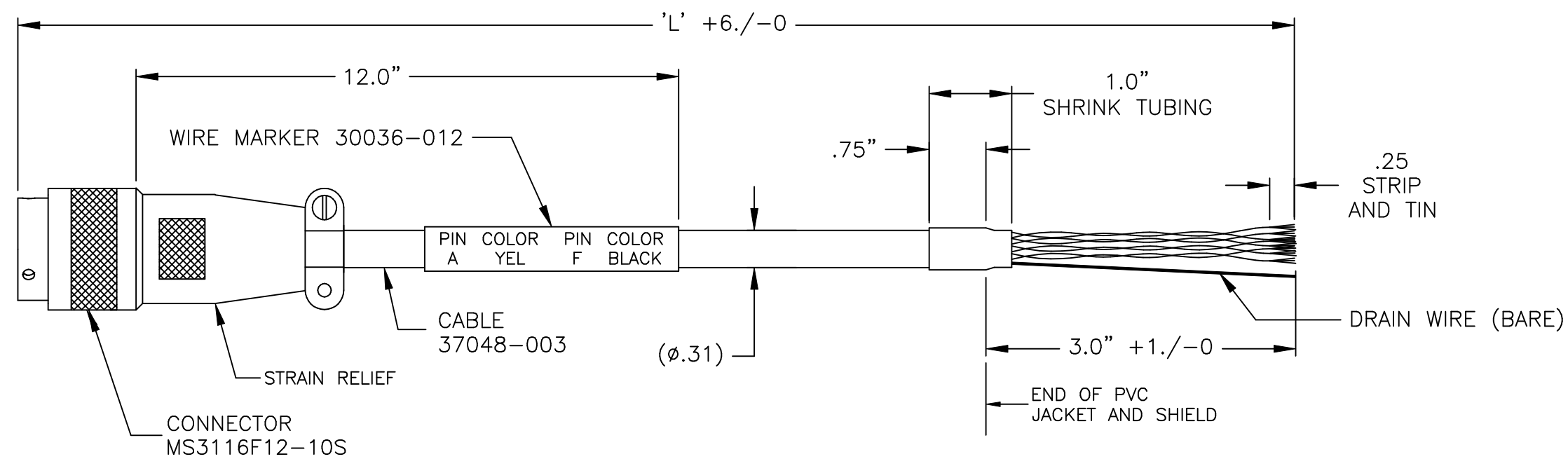
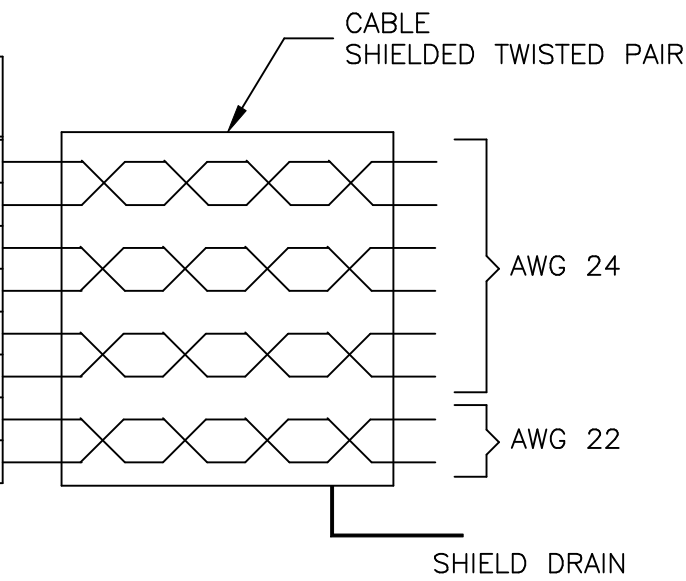


REVISIONS			
REV	ECO #	DESCRIPTION	DATE
B	8281	JACKET WAS CHROME PVC	06/23/11



CONN PIN #	WIRE COLOR	FUNCTION
A	YEL	A
H	WHT/YEL	A-
B	BLU	B
J	WHT/BLU	B-
C	ORN	Z
K	WHT/ORN	Z-
D	RED	+V
F	BLK	0V



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

PART NUMBER	CONNECTOR	'L' DIM
924-31186-1210	MS3116F12-10S	10 FEET
924-31186-1220	MS3116F12-10S	20 FEET
924-31186-1230	MS3116F12-10S	30 FEET
924-31186-1250	MS3116F12-10S	50 FEET

NOTES: UNLESS OTHERWISE SPECIFIED:  
**CABLE DESCRIPTION:**  
 TINNED COPPER, PVC INSULATED, OVERALL FOIL ALUMINUM-POLYESTER SHIELD. 24 AWG STRANDED TINNED COPPER DRAIN WIRE, OVERALL TINNED COPPER BRAID SHIELD (65% COVERAGE), GRAY PVC JACKET,  
**CONDUCTORS:**  
 4 TWISTED PAIRS, AWG PER TABLE  
 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 COMPLEMENTARY OUTPUTS. SEE BEI DRAWING 08069-002 FOR DETAILED TERMINATION GUIDELINES.

MATERIAL	FINISH	APPROVALS	DATE
-	-	DRAWN KRB	10/15/04
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.		APPROVED	
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.		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND APPLY AFTER FINISH .XX ±.01 .XXX ±.005 ANGLES ±0° 30' ALL DIA. TO BE © WITHIN .010	

**BEI SENSORS** 7230 Hollister Ave.  
Goleta, Ca 93117-2891  
Tel: (805) 968-0782  
Fax: (805) 968-3154

CABLE/CONN ASSEMBLY  
4 PAIR DIFF. OUTPUT, M12-10 PIN CONN

SIZE	CAGE CODE	DWG. NO.	REV.
B	1RB90	31186-12 XX	B
SCALE: NONE	FILE: 31186-12XX_B	SHEET 1/1	