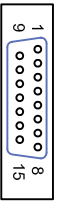
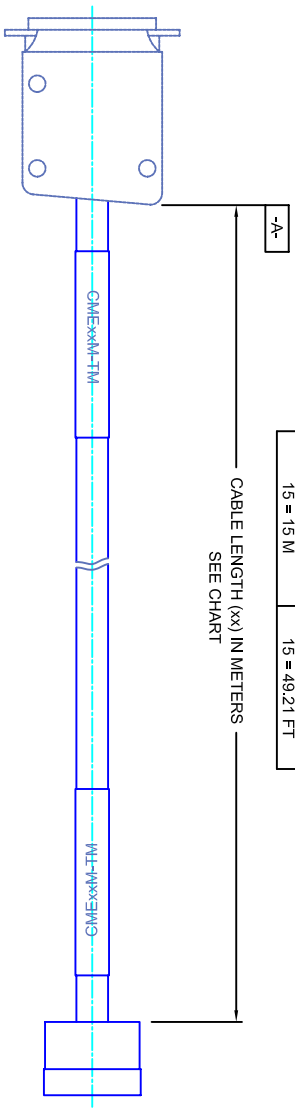


NOTES:

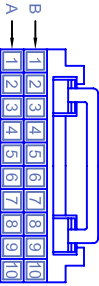
- CONNECTOR - #86-50004 - AMP #318118-9 - MOTOR END
- CABLE - 24 AWG - 9 PR. SHIELD; CABLE OD = 8.6 (.34)
- CONNECTOR - MALE 15 PIN DSUB - AMP END
- UNUSED WIRES NEED TO BE CUT BACK AND CONCEALED AT DATUM -A-

THE DSUB CONN/HOUSING IS SENT LOOSE.
PINS ARE CRIMPED TO THE LEADS.
TO ALLOW FOR ROUTING CABLE THROUGH
CABINETS, WALL, BOXES, ETC.

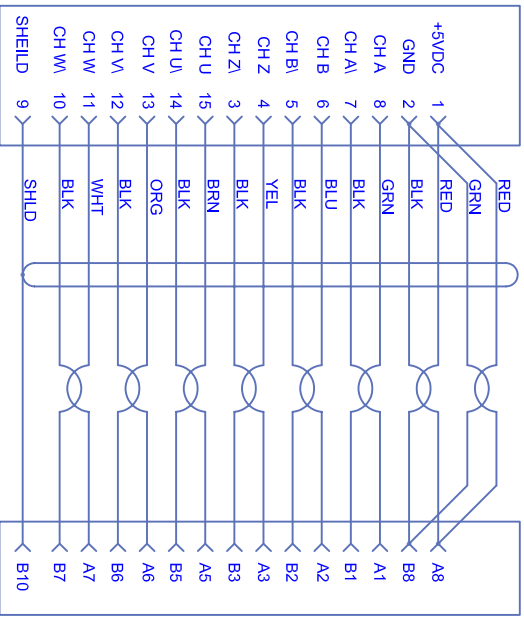
xx = CABLE LENGTH (METERS)	REF EQUIVALENT MEASURE (FT)
01 = 1 M	01 = 3.28 FT
03 = 3 M	03 = 9.84 FT
05 = 5 M	05 = 16.40 FT
07 = 7 M	07 = 22.97 FT
09 = 9 M	09 = 29.53 FT
11 = 11 M	11 = 36.09 FT
13 = 13 M	13 = 42.65 FT
15 = 15 M	15 = 49.21 FT



PIN NUMBERING DETAIL



PIN NUMBERING DETAIL



REVISIONS			
REV	DESCRIPTION	DATE	APPD
1	RELEASE DRAWING	6/10/04	

TOLERANCES UNLESS SPECIFIED
 SURFACE FINISH: = 63 Ra ✓
 BORE: = H12 ✓
 DECIMAL: .xxx ±.12 (.005)
 DECIMAL: .xx ±.25 (.010)
 DECIMAL: .x ±.51 (.020)
 FRACTION: ±.40 (.016)
 ANGLE: ° (INCHES) ±.030

REMOVE ALL BURRS/BREAK SHARP EDGES AS SHOWN
 SHARPEN ALL CHAMFERS
 REMOVE ALL BURRS/BREAK SHARP EDGES AS SHOWN
 SHARPEN ALL CHAMFERS

PROPRIETARY RIGHTS OF CUSTOMER NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

CUSTOMER: 40/60/80MM-24 AWG-DSUB15
 DRAWING NO. CME:xxM-TM
 SCALE: 1:1
 DATE: 4/28/04
 DRAWING NO. CME:xxM-TM
 DRAWN: DFLA
 SHEET: 1 OF 1
 REV. 1



ENCODER CABLE
 40/60/80MM-24 AWG-DSUB15