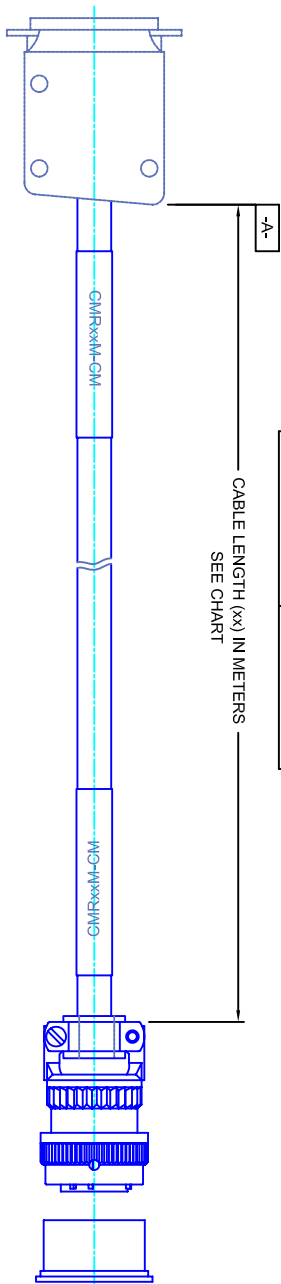


NOTES:

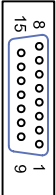
- CONNECTOR - #86-20002 - P108E-14-18S(476) - MOTOR END
- CABLE - 22 AWG - 6 PR INDIVIDUAL SHIELDS; CABLE DIAMETER = 9.19 (.36")
- CONNECTOR - FEMALE 15 PIN DSUB - AMP END
- UNUSED WIRES NEED TO BE CUT BACK AND CONCEALED AT DATUM -A-

REVISIONS			
REV	DESCRIPTION	DATE	APPD
1	RELEASE DRAWING	5/14/04	
2	ADD PIN #S TO DIAGRAM	6/23/04	

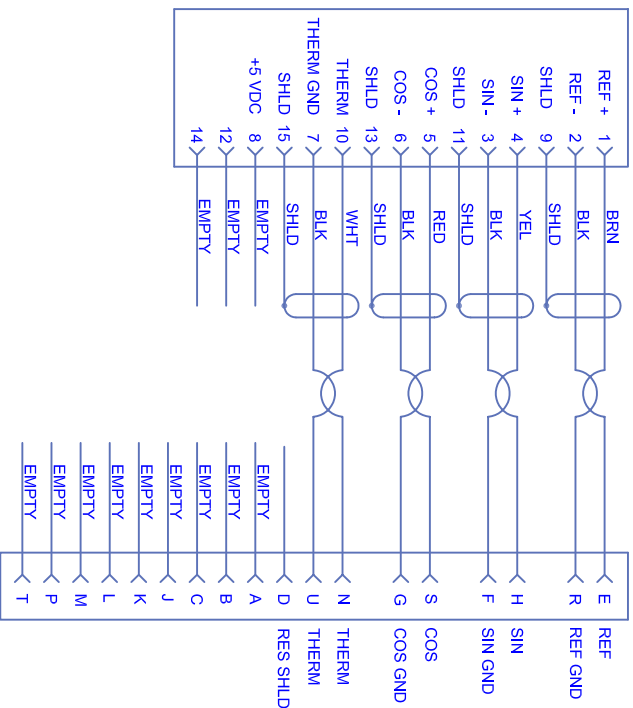
xx = CABLE LENGTH (METERS)	REF EQUIVALENT MEASURE (FT)
01 = 1 M	01 = 3.28 FT
03 = 3 M	03 = 9.84 FT
05 = 5 M	05 = 16.40 FT
07 = 7 M	07 = 22.97 FT
09 = 9 M	09 = 29.53 FT
11 = 11 M	11 = 36.09 FT
13 = 13 M	13 = 42.65 FT
15 = 15 M	15 = 49.21 FT



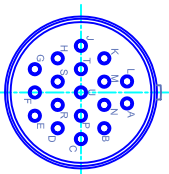
THE DSUB CONN/HOUSING IS SENT LOOSE. CONTACTS ARE CRIMPED TO THE LEADS. TO ALLOW FOR ROUTING CABLE THROUGH CABINETS, WALLS, BOXES, ETC.



PIN NUMBERING DETAIL



REAR FACE OF SOCKET INSERT



TOLERANCES UNLESS SPECIFIED

BORING: = H12
 SURFACE FINISH: = 63 Ra ✓
 DECIMAL: .xxx ±.12 (.005)
 DECIMAL: .xx ±.25 (.010)
 DECIMAL: .x ±.51 (.020)
 FRACTION: ±.40 (.016)
 ANGLE: ±.030

REMOVE ALL BURRS/BREAK SHARP EDGES AS SHOWN (0.10°)

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CUSTOMER: CUSTOMER: DRAWN: DFLA SHEET: 1 OF 1

SCALE: 1:1 **DATE:** 3/30/04 **DRAWING NO.:** CMRxxM-CM **REV.:** 2

RESOLVER CABLE
1421/90 - 22 AWG - 14-18S/DB15

CUSTOM MOTORS INC