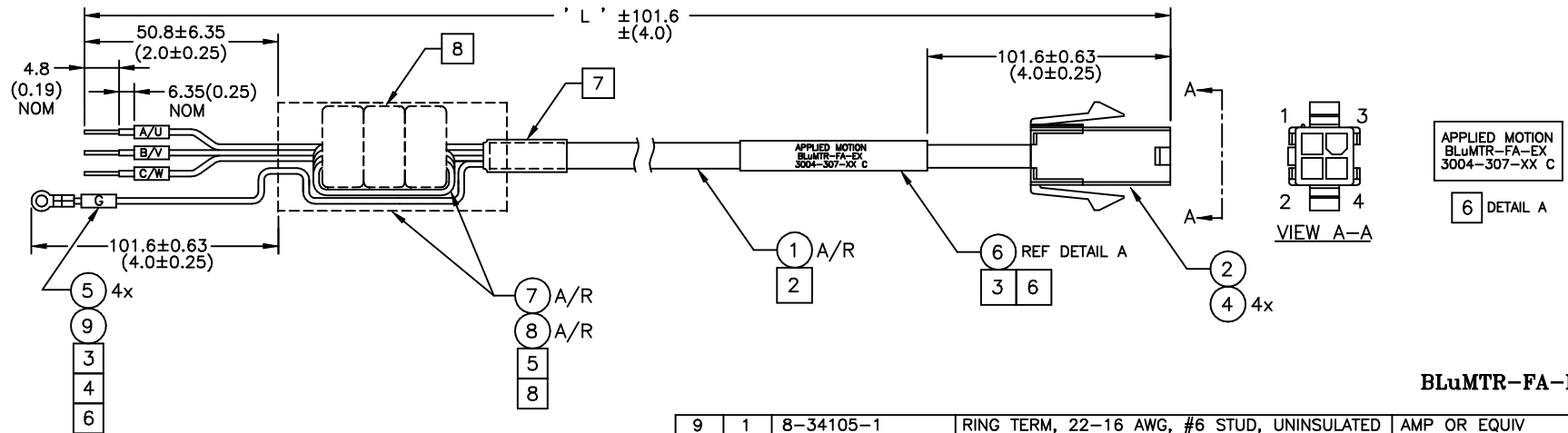


**NOTES: UNLESS OTHERWISE SPECIFIED**

1. VENDOR TO INSPECT WIRE TERMINATIONS AND POSITION TO COLOR PRIOR TO ASSY.
2. CUT YELLOW AND BLUE WIRE OFF FLUSH WITH CABLE JACKET, BOTH ENDS.
3. SECURELY FASTEN LABELS.
4. STRIP BACK 5.08 (.2) AND TIN.
5. WRAP THREE WIRES THROUGH FERRITE BEADS INDICATED NUMBER OF FULL TURNS AND COVER WITH SHRINK TUBING AS SHOWN IN APPROX. LOCATION.
6. MARK LABEL NOMENCLATURE AS SHOWN. DASH NUMBER INDICATES LENGTH OF CABLE.
7. SHIELD TO BE CONNECTED TO GND WIRE. DO NOT ROUTE THROUGH FERRITE BEADS. COVER WITH SHRINK WRAP.
8. REFER TO CABLE LENGTH CHART FOR LENGTH/DASH NUMBER OF CABLE, NUMBER OF FERRITE BEADS AND NUMBER OF TURNS THROUGH FERRITE BEADS.
9. USE VJ-42507-TC OR ZJ-42507-TC.
10. AMP BUILD MAY ADAPT 3004-197-XX-MK IF NEEDED. FOR BUILDS LONGER THAN 3 METERS, USE RAW CABLE P/N 666-2122.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE ECO 7026	7/31/14	J Kordik
B	REVISE NOTE 10 PER ECO 7215	5/18/15	J Kordik
C	ADD 10M PER ECO 7265	7/27/15	J Kordik



APPLIED MOTION  
BLuMTR-FA-EX  
3004-307-XX C  
6 DETAIL A

**BLuMTR-FA-EX**

5 6 8

XX	LENGTH	QTY-TOROIDS	TURNS THRU CORE	PART NUMBER/REV
04	48.0" +/- 2.0"	1	5 FULL TURNS	3004-307-04 C
3M	118.0" +/- 3.0"	2	4 FULL TURNS	3004-307-3M C
20	240.0" +/- 4.0"	3	3 FULL TURNS	3004-307-20 C
10M	393.7" +/- 4.0"	4	3 FULL TURNS	3004-307-10M C

PIN NO	LEAD COLOR	MARK LABEL
1	RED	A/U
2	WHT	B/V
3	BLK	C/W
4	GROUND	G

9	1	8-34105-1	RING TERM, 22-16 AWG, #6 STUD, UNINSULATED	AMP OR EQUIV
8	1	W210-ND	SHRINK TUBING, DIA 2 IN, LENGTH AS NEEDED	DANBURN ELECT.
7	A/R	SEE NOTES	FERRITE BEAD - REF: CHART	MAGI
6	1	DAT-35-292-1	LABEL, IDENTIFICATION	
5	4		CABLE MARKER	
4	4	171639-1	CONTACT, CRIMP, 16-20AWG, SOCKET, LOOSE-PIECE	TE OR EQUIVALENT
3	-	-	-	-
2	1	172159-1	CONN., 4 POS	TE OR EQUIVALENT
1	A/R	666-2122	CABLE, 6 CONDUCTOR, 16AWG	WASATCH OR EQUIVALENT
ITEM NO.	QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MFG.
TOLERANCES			THIRD ANGLE PROJECTION	
DECIMALS: MM (INCH) X.XXX = ± (.005) X.XX = ±0.13 (.010) X.X = ±0.25 (.020)				
ANGLES: MACH. = ±5° CHAM. = ±5°			APPROVALS	DATE
COMPUTER DATA BASE DRAWING			DRAWN R.JONEZ	6/19/14
			CHECKED	
			APPROVED	
SCALE: NONE		SHEET 1 OF 1		



**CABLE, FILTERED,  
J-SERIES SERVO MOTORS**

B DWG NO. 3004-307-XX C REV