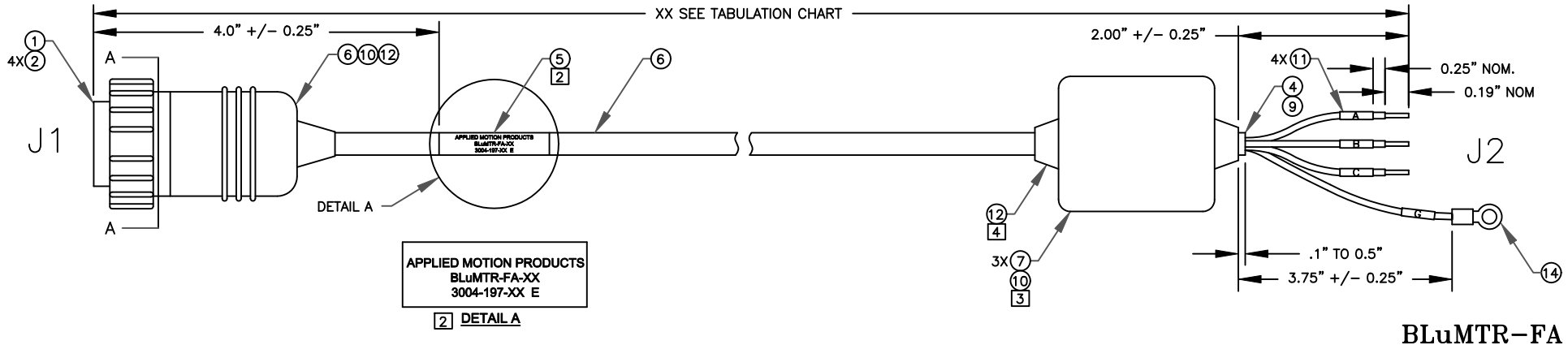


NOTES: UNLESS OTHERWISE SPECIFIED

1. VENDOR TO INSPECT WIRE TERMINATIONS AND POSITION TO COLOR PRIOR TO ASSY.
2. SECURELY FASTEN LABELS. LABELS MUST NOT MOVE OR ROTATE. SEE TABULATION CHART FOR MARKINGS.
3. WRAP THREE WIRES THROUGH TOROID CORE 5 EA FULL TURNS AND COVER WITH OVERMOLD AS SHOWN IN APPROX. LOCATION.
4. SHIELD TO BE CONNECTED TO GND WIRE. DO NOT ROUTE THROUGH TOROID. COVER WITH OVERMOLD.

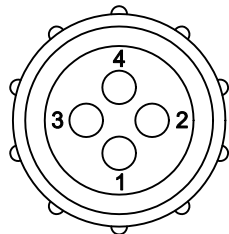
| REVISIONS | | | |
|-----------|--------------------------------------|---------|-------------|
| REV | DESCRIPTION | DATE | APPROVED |
| A | INITIAL RELEASE ECO 5236 | 8/25/05 | R.HAZELWOOD |
| B | REVISED SHIELD DET- ECO 5268 | 2/3/06 | |
| C | CABLE MATL CHG - ECO 5268 | 2/3/06 | |
| D | CABLE MATL/CLAMP CHG - ECO 5725 | 7/2/08 | J.KORDIK |
| E | DWG CLEANUP, NO CABLE CHG - ECO 5908 | 4/11/11 | J.KORDIK |



2 TABULATION CHART

| XX | LENGTH TABLE | PART NUMBER/REV | CABLE |
|----|-----------------|-----------------|--------------|
| XX | LENGTH | - | - |
| 04 | 48.0" +/- 2.0" | 3004-197-04 E | BLUMTR-FA-04 |
| 10 | 120.0" +/- 3.0" | 3004-197-10 E | BLUMTR-FA-10 |
| 20 | 240.0" +/- 4.0" | 3004-197-20 E | BLUMTR-FA-20 |
| XX | XX +/- 1.5% | - | - |

| WIRELIST | | |
|----------|----------------|-------|
| FROM | COLOR | TO J2 |
| J1-1 | RED | A |
| J1-2 | WHITE | B |
| J1-3 | BLACK | C |
| J1-4 | GREEN / YELLOW | G |



VIEW A - A
VIEW FROM TERMINATION SIDE

| BILL OF MATERIALS | | | | | |
|-------------------|---------------------|--|-----|-----|------------------|
| ITEM | PART NUMBER | DESCRIPTION | QTY | UOM | MFR |
| 1 | 206060-1 | PLUG, CPC 4 POSITION, SHELL SIZE 11 | 1 | EA | AMP |
| 2 | 66100-8 OR 66101-3 | SOCKET, CONTACT 18 - 16 AWG | 4 | EA | AMP |
| 3 | | | | | |
| 4 | FIT-221-1/4-BLK | SHRINK TUBING, 1/4, BLK | 1 | IN | ALPHA OR EQUIV. |
| 5 | LAT-27-361 | LABEL, 1.875" X 3.167" | 1 | EA | BRADY |
| 6 | 666-2122 | CABLE, 6 CONDUCTOR SHIELDED, PVC JACKET | XX | FT | WASATCH CABLE |
| 7 | ZJ-42507-TC | TOROID FERRITE CORE | 3 | EA | MAGI |
| 8 | | | | | |
| 9 | EPS-300-1/2 | SHRINK TUBING, 1/2 ID, ADHESIVE, BLK | .5 | IN | 3M OR EQUIV. |
| 10 | CD-02698 | OVERMOLD, BLUE (PANTONE 7462U), GLOSSY | AR | LB | RIMTEC OR EQUIV. |
| 11 | LAT-15-361-1 | LABEL, 0.50" X 0.75" | 4 | EA | BRADY |
| 12 | 3779-PG 1.0" X 3.0" | HOT MELT | AR | LB | 3M OR EQUIV. |
| 13 | | | | | |
| 14 | 34105 | RING TERMINAL, 22-16 AWG, #6 STUD, UNINSULATED | 1 | EA | AMP OR EQUIV. |
| 15 | | | | | |

| TOLERANCES | | THIRD ANGLE PROJECTION | |
|-------------------------------|--|------------------------|--------|
| DECIMALS: MM (INCH) | | | |
| X.XXX = ±0.01 (.005) | | APPROVALS | DATE |
| X.XX = ±0.10 (.010) | | DRAWN <i>R.BARRICK</i> | 3/6/01 |
| X.X = ±0.20 (.020) | | CHECKED | |
| ANGLES: | | APPROVED | |
| MACH. = ±.5° | | | |
| CHAM. = ±5° | | | |
| COMPUTER DATA BASE DRAWING | | | |

APPLIED MOTION PRODUCTS, INC.

ALPHA MOTOR POWER CABLE EXTENSION

B DWG NO. 3004-197 REV E

SCALE: FULL SHEET 1 OF 1