

ALL MATERIALS TO BE ROHS COMPLIANT

TWISTED TRIAD IN FOIL:

3 CONDUCTORS— 24 AWG (7X32) TINNED COPPER
INSULATION— PVC, 80° C, 300V MINIMUM
COLOR CODE— BLACK, WHITE, GREEN

DRAIN WIRE— 24 AWG (7X32) TINNED COPPER

FILLER — FIBRILLATED POLYPROPYLENE (IF USED)

FOIL TAPE OVER 3 CONDUCTORS AND DRAIN, ALUMINUM IN

OUTSIDE OF FOIL:

4 CONDUCTORS— 20 AWG (7X28) TINNED COPPER
INSULATION— PVC, 80° C, 300V MINIMUM
COLOR CODE— BROWN, RED, ORANGE, YELLOW

FILLER — FIBRILLATED POLYPROPYLENE (IF USED)

TINNED COPPER 36AWG BASKET WEAVE BRAID OVER ALL

Nominal braid shield coverage 95%

Vendor will submit braid design (D,P,N,C)
for approval prior to manufacture.

TISSUE TAPE SEPARATOR OVER BRAID

OUTER JACKET MATERIAL— ESTANE 58202 MATTE BLACK PU OVER
TISSUE — EQUIVALENT MATERIALS CONSIDERED ON REQUEST

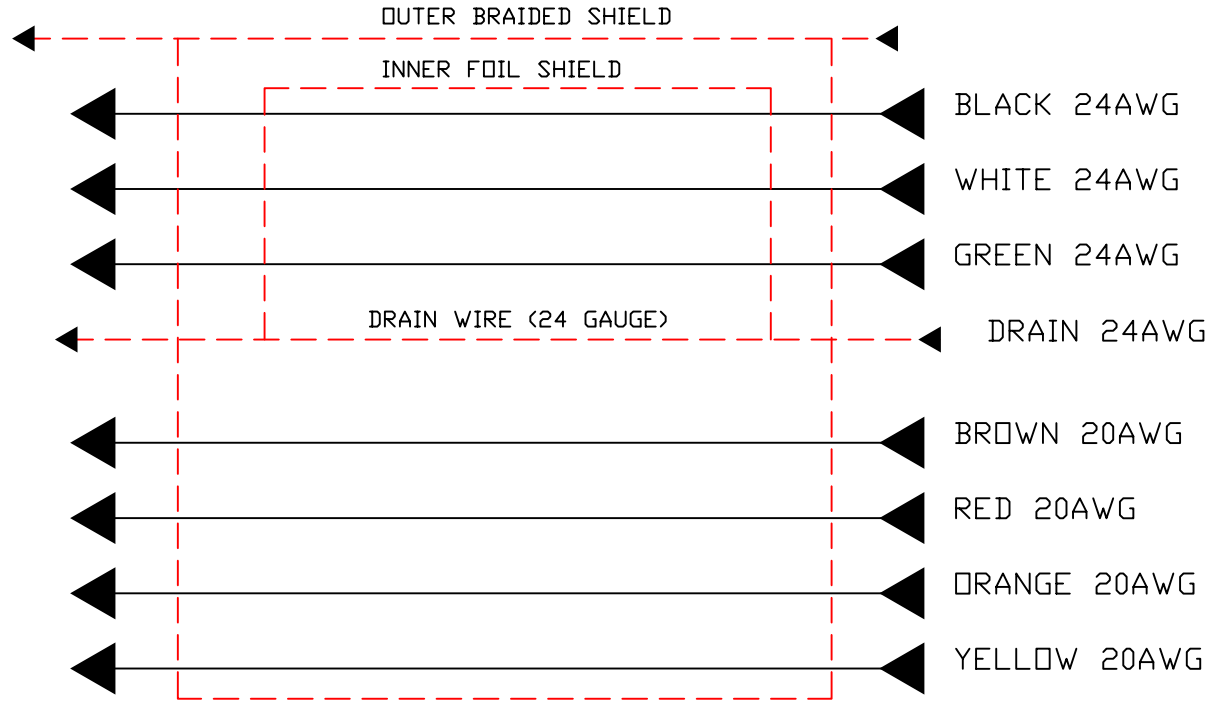
OUTER JACKET THICKNESS— 0.030 NOMINAL/ 0.020 MINIMUM

OVERALL CABLE DIAMETER— 0.262" MINIMUM
0.282" MAXIMUM

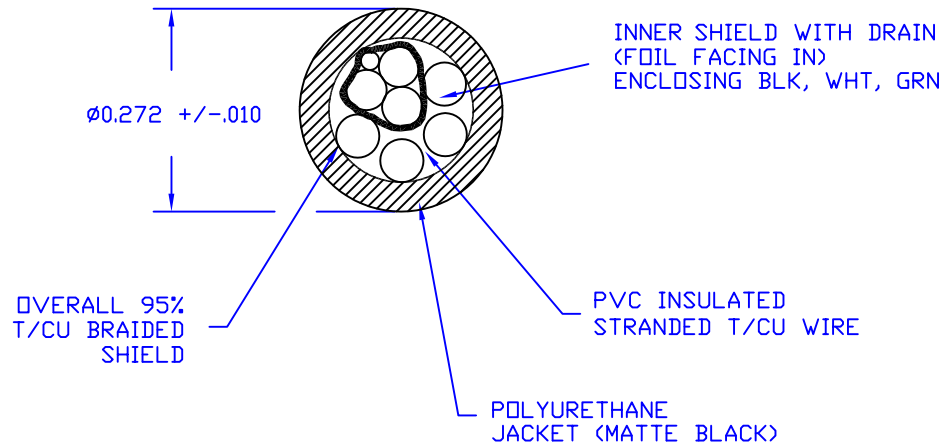
SPOOL SIZE— NOT TO EXCEED 10" HEIGHT X 17" DIAMETER

JACKET PRINTING IN WHITE, 0.12" CHARACTER HEIGHT:

SCHMITT INDUSTRIES, INC www.schmitt-ind.com CA-8018



WIRE CROSS SECTION



GENERAL DRAWING NOTES: U.O.S.

- BREAK ALL CORNERS 0.030 RADIUS OR CHAMFER
- MACHINE ALL FILLETS 0.030 RADIUS
- ALL DIAMETERS CONCENTRIC -A- .005 TIR
- TURNED SURFACE FINISHES 63 RMS OR BETTER
- DRILLED OR BROACHED DETAILS 125 RMS OR BETTER
- DIM AND TOL SHALL BE HELD AFTER PLATING
- STAMP PART & WORK NUMBERS AS SHOWN
- DO NOT USE DWG. IF MANUFACTURING HOLD IS INITIALED

| REV.# | DATE | INITIALS | NOTE: |
|-------|----------|----------|--|
| 3 | 04/13/15 | RWP | VENDOR WILL SUBMIT BRAID DESIGN PARAMETERS |
| 2 | 10/11/12 | RWP | INCREASE OVERALL DIAMETER 0.272 +/-0.01 |
| 1 | 04-22-12 | RWP | INITIAL DESIGN |

| | |
|----------------------|----------------------------|
| TOLERANCES: | UNLESS OTHERWISE SPECIFIED |
| X.XX = +/- 0.010 | [X.XX] = +/- [0.05] |
| X.XXX = +/- 0.005 | [X.XX] = +/- [0.1] |
| ANGLES = +/- 1.0 DEG | [X] = +/- [0.3] |
| SCALE: | NONE |
| | MATERIAL: MANUFACTURED |

Do Not Scale Drawing

SCHMITT INDUSTRIES, INC. (SBS)
2765 NW NICOLAI ST., PORTLAND, OR 97210
TEL: (503) 227-7908 FAX: (503) 223-1258

PART: NON CONTACT BALANCE CABLE WIRE

| | | | | | |
|---------|----------|-----------|------------------|-------------|-------|
| NUMBER: | CA-8018 | FILE: | CA-8018 REV1.DWG | SHEET: | 1 / 1 |
| DATE: | 05-03-12 | DRAWN BY: | RWP | MANF. HOLD: | |
| | | | | HOLD DATE: | |