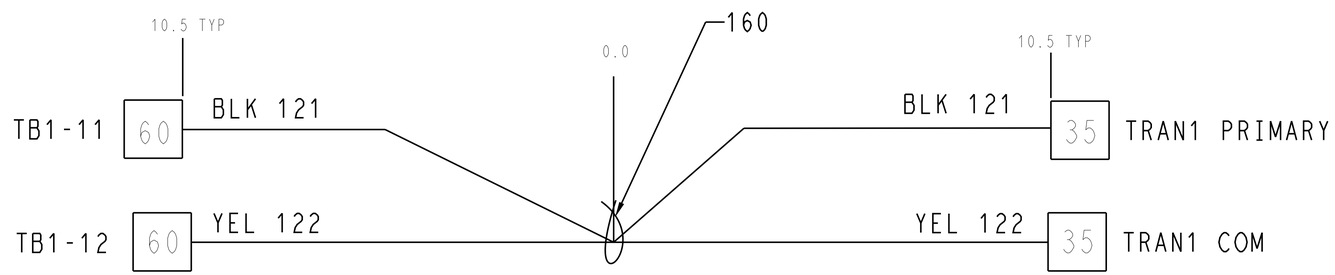
| HARNESS NAME/DESCRIPTION | WIRE NUMBER | COLOR | FROM/CONNECTION TYPE | | | TO/CONNECTION TYPE | | | LENGTH | WIRE GAUGE |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | FROM/CONNECTION TYPE | TERMINAL NUMBER | END MARKING | TO | TERMINAL NUMBER | END MARKING | | |
| TRANSFORMER HARNESS | 121 | BLK | TB1-11 | 60 | TB1-11 | TRAN1 PRIMARY | 35 | TRAN1 PRIMARY | 21.0 | 14 |
| | 122 | YEL | TB1-12 | 60 | TB1-12 | TRAN1 COM | 35 | TRAN1 COM | 21.0 | 14 |




| ITEM NUMBERS | | |
|---|---|---|
| TERMINAL NUMBER | MFG. P/N | DESCRIPTION |
| 60 | AMP 3-350819-2 | 0.25 QC FEMALE |
| 35 | AMP 3-521013-2 | FLAG PUSH-IN FEMALE 0.25 |
| 160 | PANDUIT PLT-1.5I | STANDARD WIRE TIE |

| WIRE GAUGE | STRANDS | QUALIFICATION |
|---|---|---|
| 20 | 10 | UL 1015 |
| 18 | 16 | UL 1015 |
| 16 | 26 | UL 1015 |
| 14 | 41 | UL 1015 |
| 12 | 65 | UL 1015 |
| 10 | 105 | UL 1015 |
| 8 | 133 OR 49 | UL 1231 |
| 6 | 19 | UL 1283/1232 |

NOTES:
1. * DENOTES MEASUREMENT FROM PREVIOUS WIRE TIE.
2. 0 = WIRE TIE TO BE ITEM 160.
3. ALL LENGTH IN INCHES
4. LENGTHS ARE CUT LENGTHS OF WIRES.
5. WIRE TO BE UL & CSA LABELLED.
6. WIRE MUST HAVE INSULATION RATING OF 600V & 105°C
7. END MARKING TO BE INKJET OR HOT STAMP OR WRAP AROUND LABELS PER WIRE LIST CHART.
8. NO FLAGS FOR WIRE MARKING.
9. STRIP TERMINAL WIRES TO MANUFACTURING SPECIFICATION.
10. LABEL ALL PLUGS WITH TEXT MARKED WITH QUOTES
11. IDENTICAL TERMINALS ON REEL CAN BE SUBSTITUTED FOR LOOSE PIECE.
12. USE IPC-620 REQUIREMENTS FOR WIRE TOLERANCES OTHERWISE SPECIFIED.

********** END OF REV. -.3 **********

| REV | SHT | REVISION RECORD | DATE | BY | CHK | APP | AUTH NO. |
|---|---|---|---|---|---|---|---|
| - | 1 | INITIAL RELEASE | 6/22/23 | TBH | - | - | 1157350 |

DRAWING NUMBER: 40RU000737 --- RELEASE LEVEL: Under Review

ITC CLASSIFICATION
U.S. ECCN: EAR99

MATERIAL
-
-
-

ENGINEERING REQUIREMENTS
T-005,Y-002

MFG LOCATION
-

WEIGHT
-

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:

| 1 DEC | 2 DEC | 3 DEC | ANG° |
|---|---|---|---|
| ±0.5 | ±0.25 | ±- | ±-° |

NEXT DRAWING
-

CAD MODEL
40RU000737 -.2

Carrier

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TITLE
HARNESS ASSY
SVU TRAN HARNESS

DRAWING RELEASE LEVEL
Under Review

| SIZE | DRAWING NUMBER | REV | ITR |
|---|---|---|---|
| D | 40RU000737 SHEET 1 OF 1 | - | 3 |

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