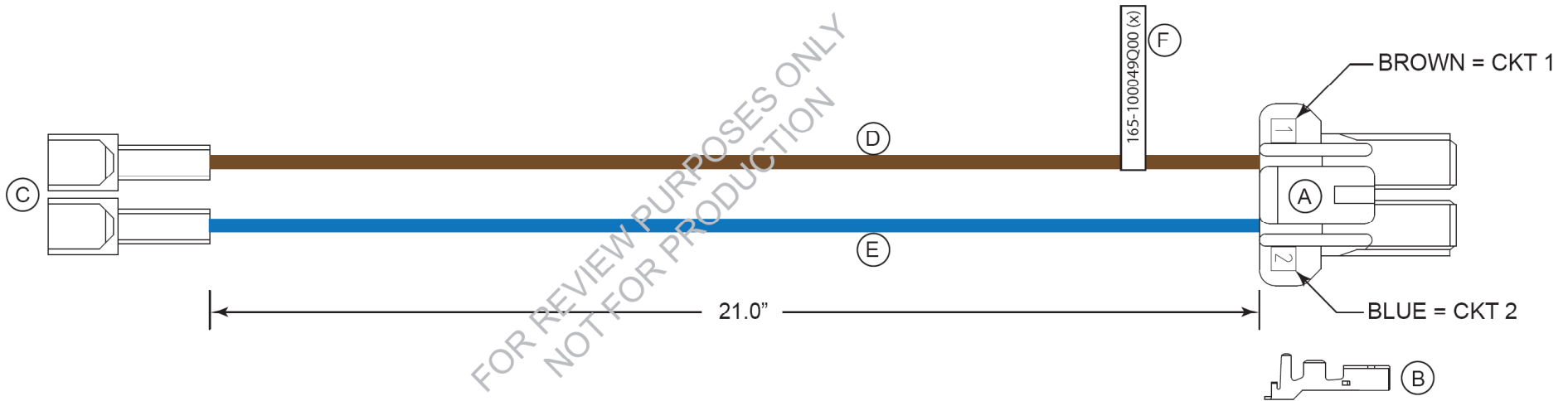


|     | BILL OF MATERIALS / DESCRIPTION                                         | QTY |
|-----|-------------------------------------------------------------------------|-----|
| (A) | TE HOUSING 1376388-1                                                    | 1   |
| (B) | TE CRIMP 137-6347-1                                                     | 2   |
| (C) | FULLY INSULATED 1/4" QUICK DISCONNECT PANDUIT (DV18-250FI)              | 2   |
| (D) | 21" LONG STYLE 1015 #18 AWG BROWN ALPHA WIRE 105 DEG. C, PVC INSULATION | 1   |
| (E) | 21" LONG STYLE 1015 #18 AWG BLUE ALPHA WIRE 105 DEG. C, PVC INSULATION  | 1   |
| (F) | PRINTED LABEL                                                           | 1   |



Part No. 165-000049Q00 (REV X)

|          |                                                                                                                                                                                  |                      |                                                      |            |                            |                 |        |               |            |   |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------|------------|----------------------------|-----------------|--------|---------------|------------|---|
| HO CHIEN | <b>SPECIFICATIONS:</b><br>1. TOLERANCE .XX +/- 0.10<br>2. ALL DIMENSIONS IN INCHES<br>3. REMOVE ALL BURRS AND SHARP EDGES<br>4. MATERIAL: AS SPECIFIED IN BILL OF MATERIAL ABOVE | PN#<br>CA-B5042-0035 | DOCUMENT CLASS 8.5.5                                 | SW: CS3    | ECO CHANGE DESCRIPTION     | INITIAL RELEASE | M.N.   | TBA           | 1 FEB 2013 | X |
|          |                                                                                                                                                                                  |                      | CREATOR: Minh Nguyen                                 | SCALE: N/A | TITLE                      | DRAWN           | ECO    | DATE          | RFV        |   |
|          |                                                                                                                                                                                  |                      | CREATION DATE: 1-FEB-2013                            |            | NGX AC POWER WIRE ASSEMBLY | PRODUCT FAMILY  | SHEET  | DWG NO        |            |   |
|          |                                                                                                                                                                                  |                      | FILENAME:<br>165-000049Q00_NGX_AC_PWR_LONG_REV-X.eps |            |                            | NGX             | 1 OF 2 | 165-000049Q00 |            |   |

# NOTES:

|   |                                                                                                                                                                                                                                                                                                                                                                                                 |    |                                                                                                                                                                                                                                            |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Wire Requirement:<br>- Manufacturer: UL and CSA approved source<br>- Max Voltage: 30VDC or higher<br>- Max Temperature: 80°C or higher<br>- Flammability Rating: VW 1 or FT 1<br>- Marking of C-UL-US (preferable) or C-UR-US stamped on the flexible cord insulation.<br>- Shield around BNC connector wire cluster to be connected to the DB44 housing.<br>- Wires shall be labelled as shown | 5  | LPN or Manufacturer's Equivalent:<br>See Bill Of Material Table                                                                                                                                                                            |
| 2 | Shrinkable Tubing Requirements:<br>N/A                                                                                                                                                                                                                                                                                                                                                          | 6  | Testing for shorts and continuity shall be required. No shorts between adjacent pins and between connectors. Continuity verified pin to pin and connector to connector as assigned in Table I (if applicable).                             |
|   |                                                                                                                                                                                                                                                                                                                                                                                                 | 7  | Labels (Markings) shall contain the required information per sheet 1, be legible, be permanent in the intended application, and shall not damage or impede the functionality of the cable assembly.                                        |
| 3 | Ferrite Core:<br>N/A                                                                                                                                                                                                                                                                                                                                                                            | 8  | Workmanship: Cable Assemblies shall be free of defects and meets the requirements of the latest version of IPC / WHMA-A-620x <i>Requirements and Acceptance for Cable and Wire Harness Assemblies</i> .                                    |
|   |                                                                                                                                                                                                                                                                                                                                                                                                 | 9  | Design and construction shall ensure cable and signal performance complies with Table I and Table II (if applicable).                                                                                                                      |
| 4 | BNC Connector Wire:<br>N/A                                                                                                                                                                                                                                                                                                                                                                      | 10 | Cable assembly shall be free of hazardous materials including DecaBDE, Pent-aBDE, OctalBDE, Antimony and halogens. All materials shall be compliant to the European Directive 2011/65/EU RoHS-2 and Chinese RoHS Standard SJ/T 11363-2006. |

FOR REVIEW PURPOSES ONLY  
NOT FOR PRODUCTION

|          |  |                      |                                                      |                                                                                       |                            |       |                |     |               |        |
|----------|--|----------------------|------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------|-------|----------------|-----|---------------|--------|
|          |  |                      |                                                      |                                                                                       | INITIAL RELEASE            |       | M.N.           | TBA | 1 FEB 2013    | X      |
| HO CHIEN |  | PN#<br>CA-R5042-0035 | DOCUMENT CLASS 8.5.5                                 | SW: CS3                                                                               | ECO CHANGE DESCRIPTION     | DRAWN | ECO            |     | DATE          | REV    |
|          |  |                      | CREATOR: Minh Nguyen                                 | SCALE: N/A                                                                            | TITLE                      |       | PRODUCT FAMILY |     | SHEET         | DWG NO |
|          |  |                      | CREATION DATE: 1-FEB-2013                            |  | NGX AC POWER WIRE ASSEMBLY |       | NGX            |     |               |        |
|          |  |                      | FILENAME:<br>165-000049Q00_NGX_AC_PWR_LONG_REV-X.eps |                                                                                       |                            |       | 2 OF 2         |     | 165-000049Q00 |        |