

	BILL OF MATERIALS / DESCRIPTION	QTY
(A)	MOLEX HOUSING 39-01-2040	2
(B)	MOLEX CRIMP 39-00-0038	8
(C)	6.00" STYLE 1015 #18 AWG BLACK ALPHA WIRE 105 DEG. C, PVC INSULATION	4
(D)	PRINTED LABEL	1



Part No. 165-000050Q00 (REV x)

HO CHIEN		SPECIFICATIONS: 1. TOLERANCE .XX +/- 0.10 2. ALL DIMENSIONS IN INCHES 3. REMOVE ALL BURRS AND SHARP EDGES 4. MATERIAL: AS SPECIFIED IN BILL OF MATERIAL ABOVE	PN# CA-B5042-0036	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			DRAWN	ECO	DATE	REV
				CREATION DATE: 1-FEB-2013		TITLE	PRODUCT FAMILY	SHEET	DWG NO		
				FILENAME: 165-000050Q00_NGX_DC_PWR_REV-X.eps		NGX DC POWER WIRE ASSEMBLY	NGX	1 OF 2	165-000050Q00		

NOTES:

1	Wire Requirement: - Manufacturer: UL and CSA approved source - Max Voltage: 30VDC or higher - Max Temperature: 80°C or higher - Flammability Rating: VW-1 or FT-1 - Marking of C-UL-US (preferable) or C-UR-US stamped on the flexible cord insulation. - Shield around BNC connector wire cluster to be connected to the DB44 housing. - Wires shall be labelled as shown	5	LPN or Manufacturer's Equivalent: See Bill Of Material Table
2	Shrinkable Tubing Requirements: 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: 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: 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.

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