

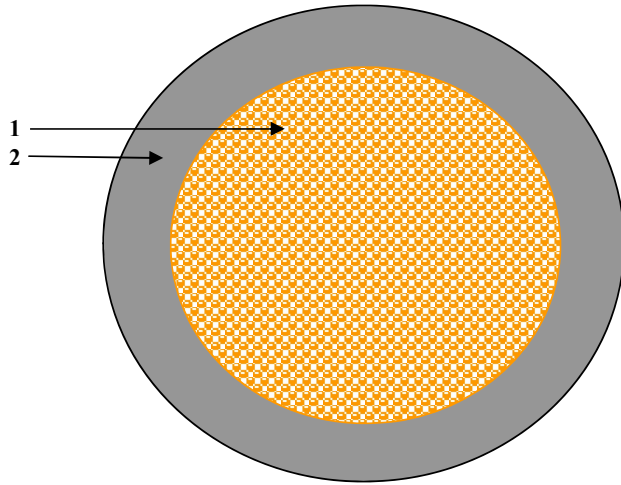
REV.	DESCRIPTION	DATE
0	Initial release.	12/11/2014
1	change diameter	10/1/2015

**General Properties
Application**

High Voltage 2/0 AWG EXRAD XLE200 2000V Cable
Hybrid or Electric Powered Vehicles

General Composition of Cable

See Below



Color Code
TBD

Physical Data

Description	Dimensions (Nom.)	
	inches	mm
1. Conductor:	2/0 AWG 1254/30 bare copper	0.438 +/- .010 11.13
2. Insulation:	EXRAD XLE 200 XLFE 65 mil wall thickness Irradiated Cross-linked Fluoroelastomer	0.568 14.43

Outside diameter tolerance +/- 0.020 +/- 0.50mm

Print: CHAMPLAIN CABLE 14897 SXX 2/0 2000V 200C XXXXX
XXXXX = lot traceability number

Electrical Data

Conductor Resistance: 0.082 ohms/kft 0.270 ohms/km @20° C nominal
Voltage Rating: 2000 volts max DC , Tested to UL 758 Section 28

General Data

Use: High Voltage Power Cables for Electric or Hybrid Vehicles
Temperature Range: -40° C to +200° C 3000 hours in accordance to ISO 6722-1 Class F section 5.13
Primary Insulation: Meets performance requirements DR101041-1 with exception ISO 6722-1 section 5.17.3 (battery acid) in lieu of section 6.4.4 of DR10141-1

Bend Radius: inches mm
2.7 69

Cable Weight: 470 lbs/1000 feet



TITLE

2/0 AWG BC EXRAD XLE200 2000 Volt Cable

**UNLESS OTHERWISE SPECIFIED,
DIMENSIONS AND TOLERANCES
ARE IN INCHES**

DO NOT SCALE THIS DRAWING

DRN.	Richard Antic	DATE	12/11/2014
CKD.	Steve Blum	DATE	
SIZE	PART NUMBER	DOCUMENT NUMBER	
A	15-08110-xxx	14897	

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