

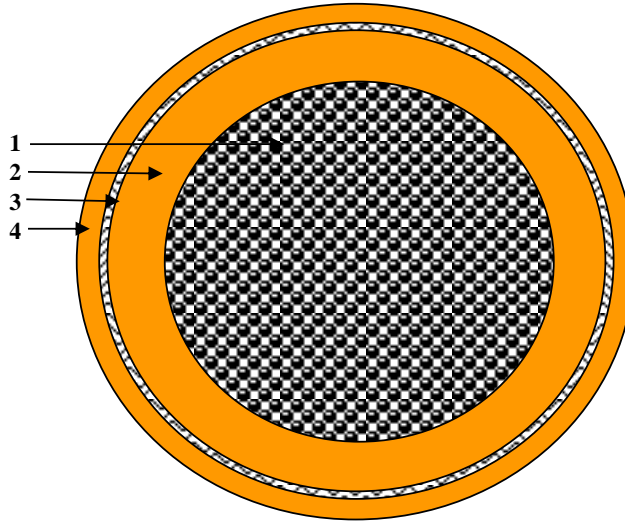
REV.	DESCRIPTION	DATE
0	Initial release.	7/2/2013

**General Properties
Application**

High Voltage 4/0 EXTRAD Low Smoke Zero Halogen Cable
Hybrid or Electric Powered Vehicles

General Composition of Cable

See Below



Color Code

Inner Orange
Outer Jacket Orange

Physical Data		Dimensions (Nom.)	
Description		inches	mm
1. Conductor:	4/0 2107/30 tinned copper	0.600 +/- .015	15.24
2. Insulation:	EXRAD 150 ZH wall thickness: 65 mil	0.730	18.54
3. Shield	34 AWG tinned copper braid 85% minimum coverage	0.758	19.25
4. Jacket	EXRAD 150 ZH wall thickness: 30 mil	0.818	20.78
		Outside diameter tolerance	+/- 0.015 +/- 0.38mm

Electrical Data

Conductor Resistance:: 0.052 ohms/kft 0.17 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: -25° C to +110° C 50,000 Hours
Primary Insulation Meets Requirements of ISO 6722 Class D 150°C
Jacket Insulation Meets Requirements of ISO 6722 Class D 150°C
Smoke Emission ASTME662 100 in. per 90 seconds, pass
Bend Radius: inches mm
5.50 139.8



TITLE
4/0 TC EXTRAD Low Smoke Zero Halogen Shielded Cable

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

DO NOT SCALE THIS DRAWING

DRN.	Steve Blum	DATE	7/2/2013
CKD.		DATE	
SIZE	PART NUMBER	DOCUMENT NUMBER	
A	15-07722-xxx	14495	

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