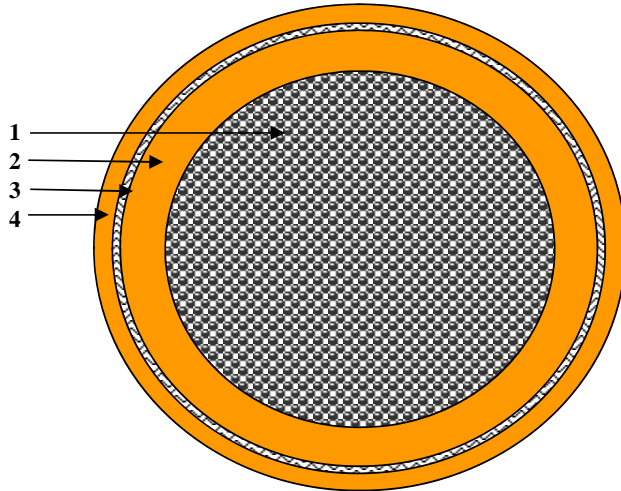


REV.	DESCRIPTION	DATE
0	Initial release.	5/13/2014

General Properties High Voltage 3/0 EXRAD FX Braid Shielded Cable

Application 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:	3/0 1615/30 bare copper	0.475	12.07
2. Insulation:	EXRAD FX wall thickness: 55 mil	0.585	14.86
3. Shield:	34 AWG tinned copper braid 95% minimum coverage	0.613	15.57
4. Jacket:	EXRAD FX wall thickness: 40 mil	0.693	17.60
		Outside diameter tolerance	+/- 0.015 +/- 0.38mm

Electrical Data

Conductor Resistance: 0.068 ohms/kft 0.22 ohms/km @20° C nominal

Voltage Rating: 1000 volts, SAE 1654

General Data

Use: High Voltage Power Cables for Electric or Hybrid Vehicles

Temperature Range: -70° C to +150° C

Primary Insulation: Meets Requirements of ISO 6722 Class D 150°C

Jacket Insulation: Meets Requirements of ISO 6722 Class D 150°C

UV Resistance: Passes UL 720 Hour Exposure to Xenon Light

Weight: 670 pounds/kft

Minimum Satic Bend Radius: inches mm
4.9 123



TITLE	3/0 BC EXRAD FX Shielded Cable	
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES DO NOT SCALE THIS DRAWING	DRN.	Rick Antic	DATE	5/13/2014
	CKD.	Tom Roy	DATE	5/13/2014
	SIZE	PART NUMBER	DOCUMENT NUMBER	14692
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