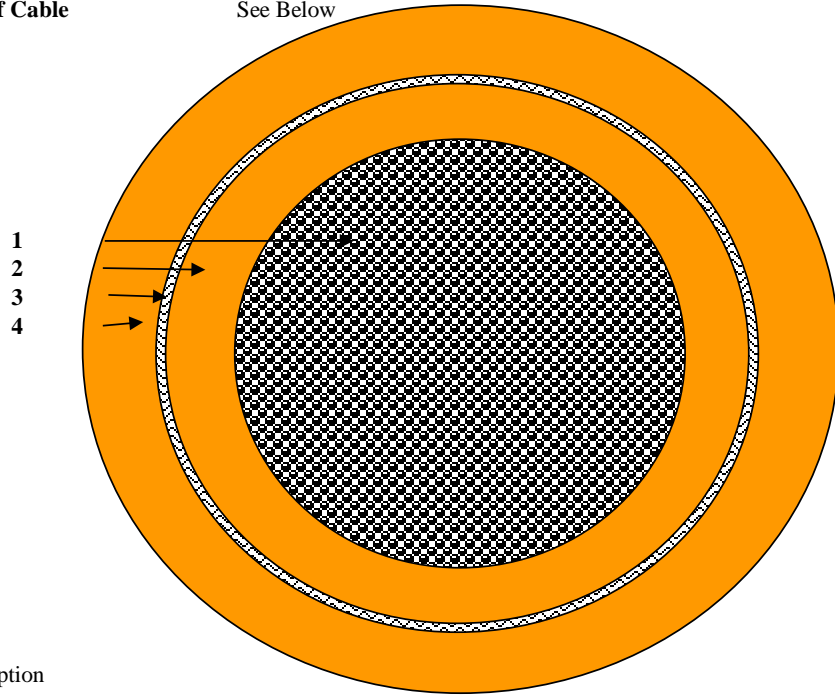


REV.	DESCRIPTION	DATE
0	Initial release.	5/29/2014
1	reduce jacket thickness and OD	8/14/2014
2	Modify braid detail and correct OD's	8/20/2014

General Properties
Application High voltage 35mm² 1083/.20mm BC HVFX/XLE Shielded Thickwall Battery Cable
Hybrid or Electric powered Vehicles

General Composition of Cable See Below



Color Code
Inner Orange
Outer Jacket Orange

Physical Data	Description	Dimensions (Nom.)	
		inches	mm
1. Conductor:	35mm ² 1083/.20mm bare copper	(.285" min, .305" Ma	7.49
2. Insulation:	EXRAD HVFX wall thickness: 53 mil	(.390" min, .410" max	10.19
3. Shield	34 AWG Tinned Copper Braid, 95% coverage-Nominal	0.429	10.90
4. Jacket	EXRAD XLE wall thickness: 64 mil	(.545" Min, .565" ma	14.12

Electrical Data
Resistance 0.489min, 0.527max mOhm/M at 20°C
Voltage Rating 1,000 volts maximum per SAE J1654

General Data
Use: High Voltage Power Cables for Electric or Hybrid Vehicles
Temperature Range: -40° C to +150° C
Primary Insulation Meets Requirements of GMW 15839 Class D
Jacket Insulation Meets Requirements of GMW15839 Class D
Bend Radius: inches mm
1.67 42.4
Weight 322 lbs/mft



TITLE
35mm² 1083/.20mm BC HVFX/XLE Shielded Thickwall

**UNLESS OTHERWISE SPECIFIED,
DIMENSIONS AND TOLERANCES
ARE IN INCHES**
DO NOT SCALE THIS DRAWING

DRN.	Steve Blum	DATE	5/29/2014
CKD.	Jun Yi	DATE	11/13/2014
SIZE	PART NUMBER	DOCUMENT NUMBER	
A	15-08055-001	14717	

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