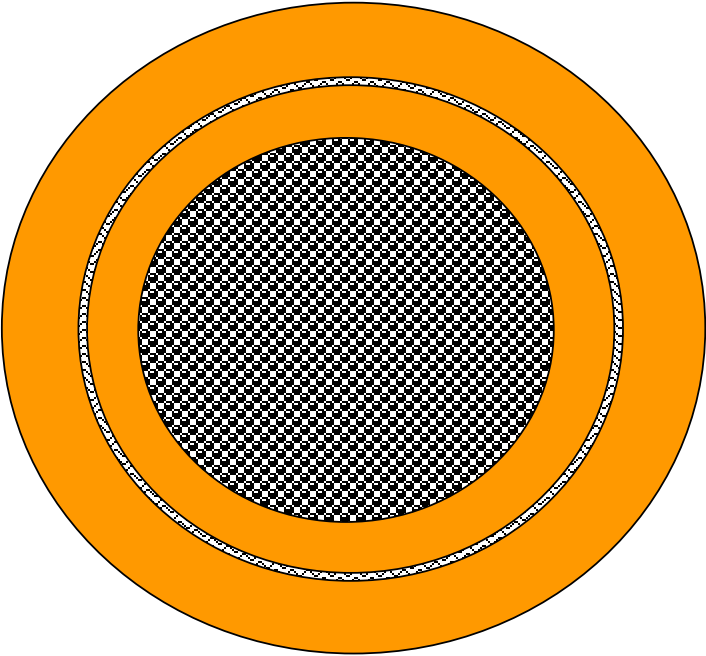



REV.	DESCRIPTION	DATE
0	Initial release.	10/30/2015
1	revise bend radius to 5X OD	10/13/2017
General Properties	High voltage 35mm ² 551/.28mm BC HVFX/XLE Shielded Thick wall Cable	
Application	Hybrid or Electric powered Vehicles	
General Composition of Cable	See Below	
		
		Color Code Inner Orange Outer Jacket Orange
Physical Data		Dimensions (Nom.)
		inches mm
Description		
1. Conductor:	35mm ² 551/.28mm Bare Copper	0.310 7.87
2. Insulation:	EXRAD HVFX wall thickness: 50 mil	0.420 10.67
3. Shield	36 AWG Tinned Copper Braid, 95% coverage-Nominal	0.443 11.25
4. Jacket	EXRAD XLE wall thickness: 74 mil	0.590 14.99
	OD Tolerance	+/- 0.015" +/- 0.38mm
Print Legend:	Champlain Cable 35mm ² HVFX/XLE Shielded High Voltage Cable 15219 XXXXX XXXXX = Traveler Number	
Electrical Data	Resistance	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:	-55° C to +150° C
	Primary Insulation	Meets Requirements of ISO 6722 Class D, Thick Wall
	Jacket Insulation	Meets Performance Requirements of ISO 6722 Class D
	Min. Static Bend Radius:	inches mm 3.0 75

 CHAMPLAIN CABLE 175 HERCULES DRIVE COLCHESTER, VT 05446 802-654-4200	TITLE	
	35mm ² 551/.28mm BC HVFX/XLE Shielded Thick Wall	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES DO NOT SCALE THIS DRAWING	DRN.	DATE
	Michael Cienkus	10/30/2015
	CKD.	DATE
	Nathan Bacon	10/30/2015
	SIZE	PART NUMBER
	A	15-08172-XXX
		DOCUMENT NUMBER
		15219
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