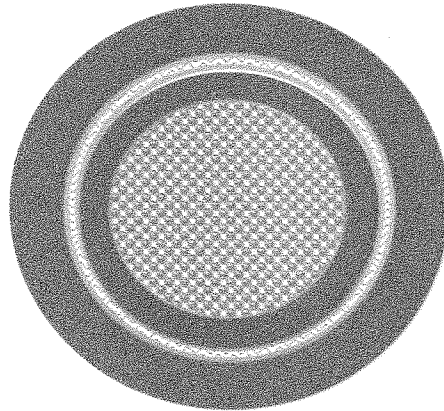


REV.	DESCRIPTION	DATE
0	Initial release.	12/7/2015
1	Changed conductor to Bare Copper	MC 1/23/2016
2	Changed conductor stranding to 37/.36mm	MC 6/27/2016

**General Properties** -40 to 150° C 4.0mm<sup>2</sup> EXTRAD 150UT SH HVFX High Voltage Cable

**Application** Hybrid or Electric Powered Vehicles

**General Composition of Cable** See Below




**Color Code**  
 Primary Orange  
 Jacket Orange

Physical Data	Description	Dimensions (Nom.)	
		inches	mm
1. Conductor:	4.0mm <sup>2</sup> 37/.36mm Bare Copper	0.103	2.62
2. Insulation:	EXAR 150 UT wall thickness: 20 mil	0.144	3.65
3. Braid:	38 AWG Tinned Copper 90% minimum coverage	0.162	4.10
4. Jacket:	EXRAD HVFX 30 mil	0.222	5.63
	Outside Diameter Tolerance	.216 +/- .010	

**Electrical Data** Conductor Resistance: 4.56 ohms/m max. @ 20°C  
 Voltage Rating: 600 Volts AC

**General Data** Use: High Voltage Power Cables for Electric or Hybrid Vehicles  
 Temperature Range: -40° C to +150° C per ISO 6722  
 Primary Insulation: Meets Requirements of ISO 6722, Thin Wall, Class D 150°C  
 Jacket Insulation: Meets Performance Requirements of ISO 6722 Class D 150°C  
 Weight: 69kg/km nom.  
 Min. Bend Radius: (static) in mm  
 1.3 83

*Approved  
 C. R. L.  
 6/27/16*

 175 HERCULES DRIVE COLCHESTER, VT 05446 802-654-4200	TITLE	
	4.0mm <sup>2</sup> EXTRAD 150UT SH HVFX High Voltage Cable	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES	DRN.	DATE
	Richard Antic	12/7/2015
DO NOT SCALE THIS DRAWING	CKD.	DATE
	Nathan Bacon	12/7/2015
	SIZE	PART NUMBER
	A	TBD
		DOCUMENT NUMBER
		15264
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