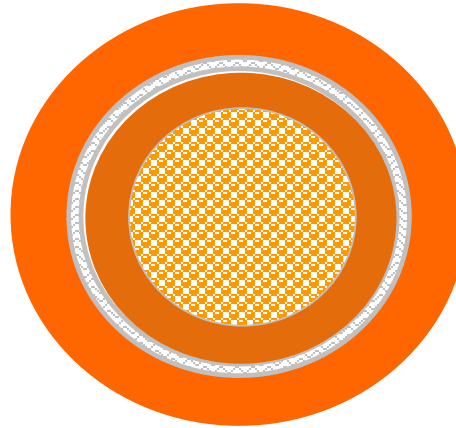


REV.	DESCRIPTION	DATE
0	Initial release.	10/8/2018

General Properties -55 to 150° C 6.00mm² EXRAD HVFX/XLE Thick wall Shielded High Voltage Cabl

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:	6.0mm ² 84/.30mm Bare Copper	0.115 2.92
2. Insulation:	EXAR HVFX wall thickness: 35 mil	0.185 4.70
3. Braid:	38 AWG Tinned Copper 95% minimum coverage	0.203 5.16
4. Jacket:	EXRAD XLE 42 mil	0.287 7.29
	Run to nom OD	.265+/- .005

Print Legend: EXRAD HVFX/XLE 6.0mm² Shielded Thick Wall Cable 17358 XXXXX xxxxx-l

Electrical Data Conductor Resistance: 3.14 ohms/m max. @ 20°C
 Voltage Rating: 600 Volts AC
General Data Use: High Voltage Power Cables for Electric or Hybrid Vehicles
 Temperature Range: -55° C to +150° C per ISO 6722
 Primary Insulation: Meets Requirements of ISO 6722, Thick Wall, Class D 150°C
 Jacket Insulation: Meets Performance Requirements of ISO 6722 Class D 150°C

Min. Bend Radius: (static) in mm
 1.7 85



TITLE	6.0mm ² EXRAD HVFX/XLE Shielded Thick Wall High Voltage Cable	
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES

DRN.	Steve Blum	DATE	10/8/2018
CKD.		DATE	

DO NOT SCALE THIS DRAWING

SIZE	PART NUMBER	DOCUMENT NUMBER
A		17358

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