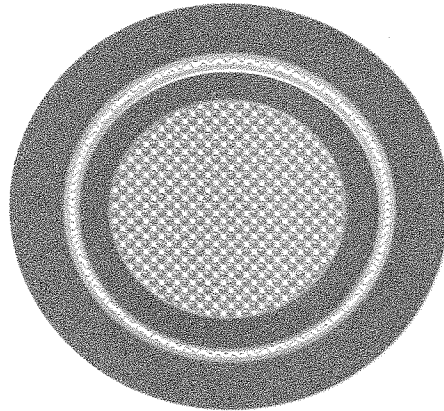


REV.	DESCRIPTION	DATE
0	Initial release.	12/7/2015
1	Changed conductor to Bare Copper	MC 1/23/2016
2	Changed conductor stranding to 37/.36mm	MC 6/27/2016

General Properties -40 to 150° C 4.0mm² 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 ² 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 ² EXTRAD 150UT SH HVFX High Voltage Cable	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES	DRN. Richard Antic	DATE 12/7/2015
	CKD. Nathan Bacon	DATE 12/7/2015
DO NOT SCALE THIS DRAWING	SIZE A PART NUMBER TBD	DOCUMENT NUMBER 15264
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