

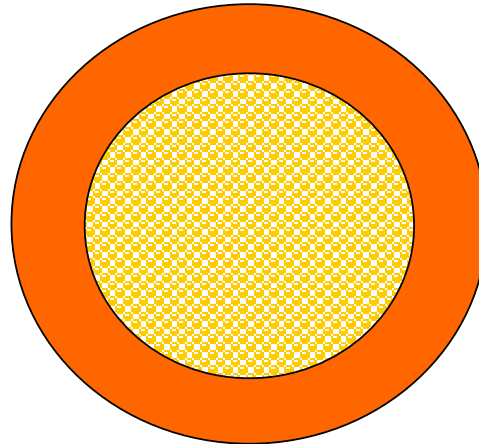
REV.	DESCRIPTION	DATE
0	Initial release.	12/13/2013
1	Corrected strand modified tolerances	12/19/2013

**General Properties**

**Application**

**General Composition of Cable**

High Voltage 10 awg EXTRAD 150 FX Lead Wire  
 Electrical and Hybrid Vehicles, Batteries and Charging Cables  
 See Below



**Physical Data**

Description		Dimensions:	
		Inches	mm
1. Conductor:	10awg 105/30 Tinned Copper	0.113	2.87
2. Insulation:	EXRAD 150FX wall thickness: 0.022 Inches Tolerance	0.157 +/- .003	3.99 +/- 0.10

**Electrical Data**

Conductor Resistance: 3.48 ohms/km @20° C nominal  
 Voltage Rating: 1,000 volts maximum per SAE 1654

**General Data**

Use: Electric/ Hybrid Vehicles and Batteries  
 Temperature Range: -55° C to +150° C

Min. Static Bend Radius: mm  
8



TITLE	10awg 105/30 TC High Voltage EXTRAD 150	
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UNLESS OTHERWISE SPECIFIED,  
 DIMENSIONS AND TOLERANCES  
 ARE IN INCHES

DO NOT SCALE THIS DRAWING

DRN.	Steve Blum	DATE	12/13/2013
CKD.	Richard Antic	DATE	12/19/2013
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