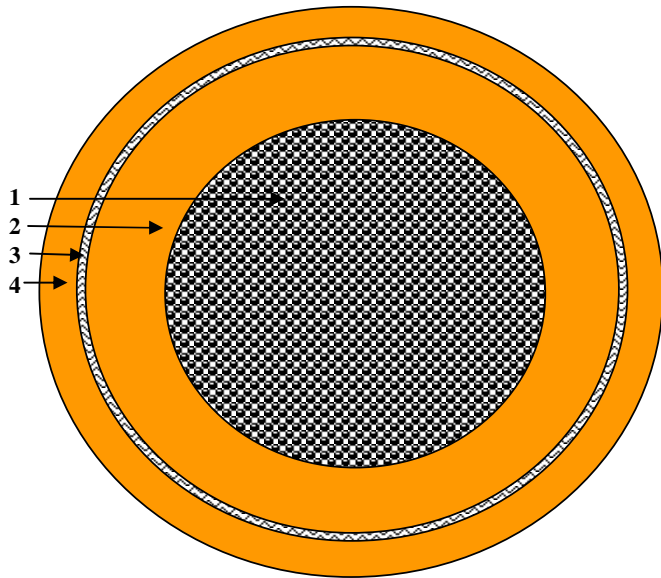


REV.	DESCRIPTION	DATE
0	Initial release.	6/23/2009
1	Updated Temperature and smoke emissions data	12/28/2009
<b>General Properties</b>	High Voltage 1/0 Radxl Low Smoke Zero Halogen Shielded Cable	
<b>Application</b>	Hybrid or Electric Powered Vehicles	
<b>General Composition of Cable</b>	See Below	



**Color Code**

Inner	Orange
Outer Jacket	Orange

Physical Data		Dimensions (Nom.)	
Description		inches	mm
1. Conductor:	1/0 1045/30 tinned copper	0.415+/.010	10.54
2. Insulation:	RADXL 150 ZH wall thickness: 65 mil	0.545	13.84
3. Shield	34 AWG tinned copper braid 85% minimum coverage	0.573	14.55
4. Jacket	RADXL 150 ZH wall thickness: 40 mil	0.653	16.59
		Outside diameter tolerance	+/- 0.015 +/- 0.38mm


Print Legend: 89954SOCN362A9763P2, 1/0 AWG, 2000V, 150C 3XWR5 @@@@

**Electrical Data**

Conductor Resistance:: 0.104 ohms/kft 0.343 ohms/km @20° C nominal  
Voltage Rating 2000 volts max DC , Tested to UL 758 Section 28

**General Data**

Use: High Voltage Power Cables for Electric or Hybrid Vehicles  
Temperature Range: -25° C to +110° C 51,480 Hours  
Primary Insulation Meets Requirements of ISO 6722 Class D 150° C  
Jacket Insulation Meets Requirements of ISO 6722 Class D 150° C  
Smoke Emission ASTME 662 100 in. per 90 seconds, pass  
Bend Radius: inches mm  
4.50 114.4

 <b>UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES</b>  <b>DO NOT SCALE THIS DRAWING</b>	TITLE		1/0 TC Radxl Low Smoke Zero Hal Shielded Cable	
	DRN. Rick Antic		DATE 6/23/2009	
	CKD.		DATE	
	SIZE A	PART NUMBER 15-07760-001	DOCUMENT NUMBER 13811	

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