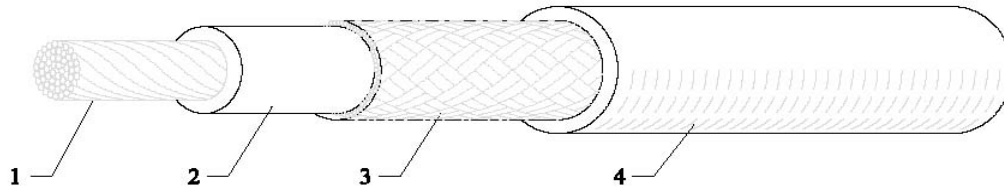


| REV. | DESCRIPTION                                       | DATE       |
|------|---|------------|
| 0    | Initial release.                                  | 8/23/2009  |
| 1    | Added Tolerance to Dimensions. Added Print Legend | 9/29/2006  |
| 2    | Added Part Numbers                                | 10/19/2006 |
| 3    | Revised Print Legend                              | 4/23/2007  |
| 4    | Revised Shield AWG                                | 5/17/2010  |
| 5    | Tolerances Added                                  |            |

**General Composition of Cable**

See Below



**Color Code**

Primary Jacket Orange  
001-Orange  
002-Orange  
w/Black  
Stripe


**Physical Data**

| Description   | Dimensions (Nom.)    |            |
|---|----------------------|------------|
|   | inches               | mm         |
| 1. Conductor: 3mm <sup>2</sup> (12awg) 105/32 Bare Copper   | .091" min, .098" max | 0.095 2.41 |
| 2. Insulation: Exrad 150 FX wall thickness: 16 mil (14 min) | .124" min, .130" max | 0.127 3.23 |
| 3. Braid: 36 AWG Tinned Copper 80% minimum coverage         | .146" min, .154" max | 0.150 3.81 |
| 4. Jacket: Exrad 150 FX 20 mil (18min)                      | .183" min, .197" max | 0.190 4.83 |

Print Legend Champcable.com 12983 3mm2 Shielded CableXXXXX (XXXXX=Audit)

**Technical Information**

Use: High Voltage Vehicles  
 Temperature Range: -40° C to +150° C  
 Maximim Oil Resistance: 60° C  
 Primary Cable per SAE 1128 TXL  
 Voltage Rating 600 Volts per SAE 1654 1994-6  
 Bend Radius: inches mm  
 0.95 24.1

|   |   |  |   |                       |
|---|---|--|---|-----------------------|
| <br>175 HERCULES DRIVE<br>COLCHESTER, VT 05446<br>802-654-4200   | TITLE   |  | EXRAD 150 FX Shielded Lead Wire   |                       |
|   | DRN. Scott Hood   |  |   |                       |
|   | UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES |  | CKD.  |                       |
|   | DO NOT SCALE THIS DRAWING   |  | SIZE A<br>PART NUMBER 15-07564-001-Orange<br>15-07564-002 Orange w/Black Stripe | DOCUMENT NUMBER 12983 |
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