

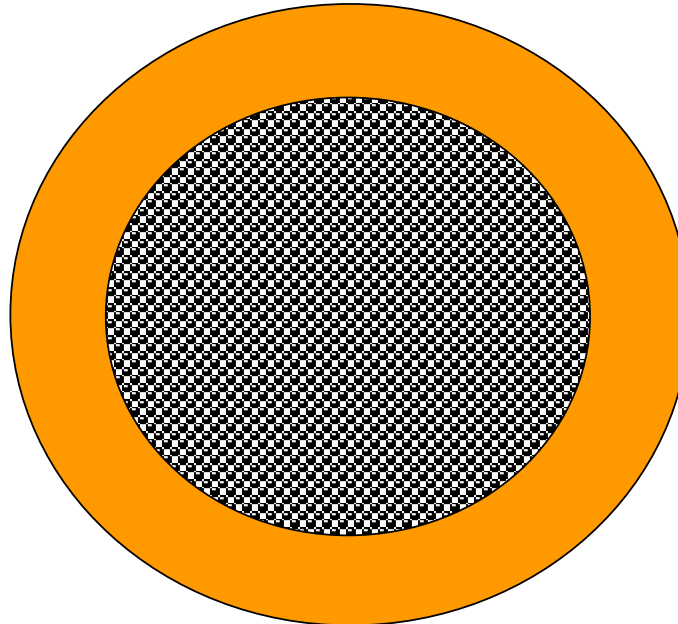
REV.	DESCRIPTION	DATE
0	Initial release.	2/3/2015

**General Properties
Application**

High voltage 35mm² 551/.28mm BC HVFX Thinwall Cable
Hybrid or Electric powered Vehicles

General Composition of Cable

See Below



Color Code

Inner	Orange
Outer Jacket	Orange

Physical Data

Description	
1. Conductor:	35mm ² 551/.28mm bare copper
2. Insulation:	EXRAD HVFX wall thickness: 35 mil

Dimensions (Nom.)	
inches	mm
0.320	8.13
0.390	9.90

Electrical Data

Resistance: 0.489min, 0.527max mOhm/M at 20°C
Voltage Rating: 1,000 volts maximum per SAE J1654

General Data

Use: High Voltage Power Cables for Electric or Hybrid Vehicles
Temperature Range: -40° C to +150° C
Primary Insulation: ISO 6722 Class D Thin Wall
UV Resistance: 1500 hours Xenon Arc Lamp
Bend Radius: inches mm
 0.0 0



TITLE	35mm ² 551/.28mm BC HVFX Thinwall	
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UNLESS OTHERWISE SPECIFIED,
DIMENSIONS AND TOLERANCES
ARE IN INCHES

DO NOT SCALE THIS DRAWING

DRN.	Richard Antic	DATE	2/3/2015
CKD.		DATE	
SIZE	PART NUMBER	DOCUMENT NUMBER	14948
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