

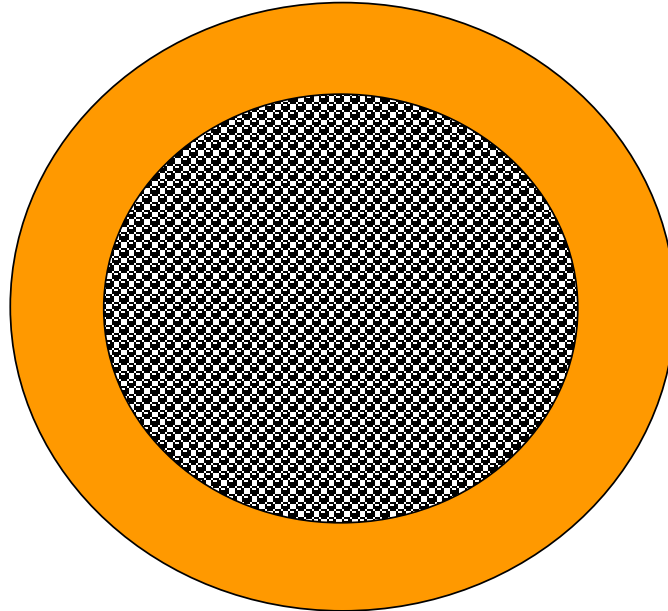
REV.	DESCRIPTION	DATE
0	Initial release.	2/3/2015

**General Properties
Application**

High voltage 70mm² 1140/.28mm BC HVFX Thickwall Cable
Hybrid or Electric powered Vehicles

General Composition of Cable

See Below



Color Code

Inner	Orange
Outer Jacket	Orange

Physical Data

Description		Dimensions (Nom.)	
		inches	mm
1. Conductor:	70mm ² 1140/.28mm bare copper	0.455	11.56
2. Insulation:	EXRAD HVFX wall thickness: 58 mil	0.571	14.50

Electrical Data

Resistance 0.243min, 0.259max 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 Thick Wall
UV Resistance 1500 hours Xenon Arc Lamp
Bend Radius: inches mm
1.7 44



TITLE		
70mm ² 1140/.28mm BC HVFX Thickwall		

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	14950
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