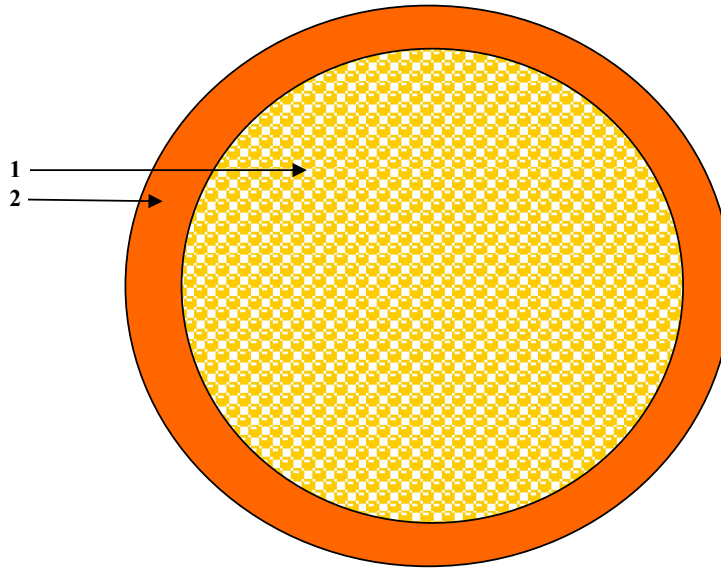


REV.	DESCRIPTION	DATE
0	Initial release.	7/31/2015

General Properties High voltage 1/0 1007/30 BC HVFX Battery Cable

Application Hybrid or Electric powered Vehicles

General Composition of Cable See Below



Color Code
 Inner Orange

Physical Data	Description	Dimensions (Nom.)	
		inches	mm
1. Conductor:	1/0 1007/30 BC	0.390	9.91
2. Insulation:	EXRAD HVFX wall thickness: 50 mil	0.490	12.45
	Outside diameter tolerance	+/- 0.015	+/- 0.38mm

Electrical Data

Resistance 0.105 ohms/kft 0.34 ohms/km @20° C nominal

Voltage Rating 1,000 volts maximum per SAE J1654

General Data

Use: High Voltage Power Cables for Electric or Hybrid Vehicles

Temperature Range: -55° C to +150° C

Primary Insulation Meets Performance Requirements of ISO 6722 Thinwall

Jacket Insulation Meets Performance Requirements of ISO 6722

Bend Radius: inches mm

1.7 43.56 |

Weight 350 lbs/mft 521kg/KM



TITLE

High voltage 1/0 1007/30 BC HVFX Battery Cable

UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES DO NOT SCALE THIS DRAWING	DRN.	Michael Cienkus	DATE	7/31/2015
	CKD.	Nathan Bacon	DATE	7/31/2015
	SIZE	PART NUMBER	DOCUMENT NUMBER	15114
	A	TBD		