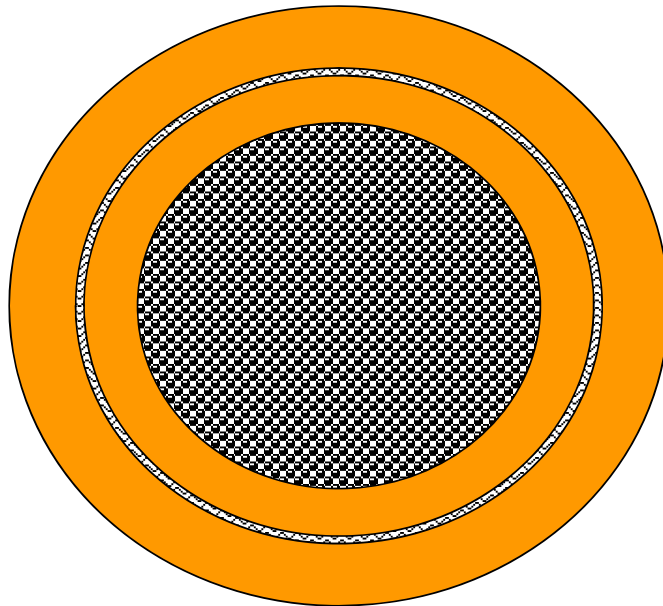


REV.	DESCRIPTION	DATE
0	Initial release.	6/23/2016
1	Add Color options	2/7/2018
2	added -005 Orange Black and weights	5/18/2018

General Properties
Application
High voltage 35mm2 551/.28mm BC HVFX/XLE Shielded Thinwall Battery Cable
Hybrid or Electric powered Vehicles

General Composition of Cable See Below



Color Code

Inner	Orange
Outer Jacket	
-001	Org
-002	Org-Blue
-003	Org- Red
-004	Org-Wht
-005	Org-Blk

Physical Data

Description		Dimensions (Nom.)	
		inches	mm
1. Conductor:	35mm2 551/.28mm bare copper	0.320	8.13
2. Insulation:	EXRAD HVFX wall thickness: 35 mil	0.389	9.88
3. Shield:	34 AWG Tinned Copper Braid, 95% coverage-Nominal	0.417	10.59
4. Jacket:	EXRAD XLE wall thickness: 45 mil	0.507	12.88

Electrical Data

Resistance	0.527max mOhm/M at 20°C
Voltage Rating	600 volts maximum per ISO 6722-1

General Data

Use:	High Voltage Power Cables for Electric or Hybrid Vehicles	
Temperature Range:	-40° C to +150° C	
Specification:	ES-9E58-14B322-AA	
Bend Radius:	inches	mm
	2.54	64.4
Weight	.308. lbs./ft.	1.37 lbs./meter



TITLE
35mm2 551/.28mm Exrad HVFX/XLE Shielded Thinwall

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS AND TOLERANCES
ARE IN INCHES

DO NOT SCALE THIS DRAWING

DRN.	Steve Blum	DATE	6/23/2016
CKD.	Jun Yi	DATE	6/23/2016
SIZE	PART NUMBER	DOCUMENT NUMBER	
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