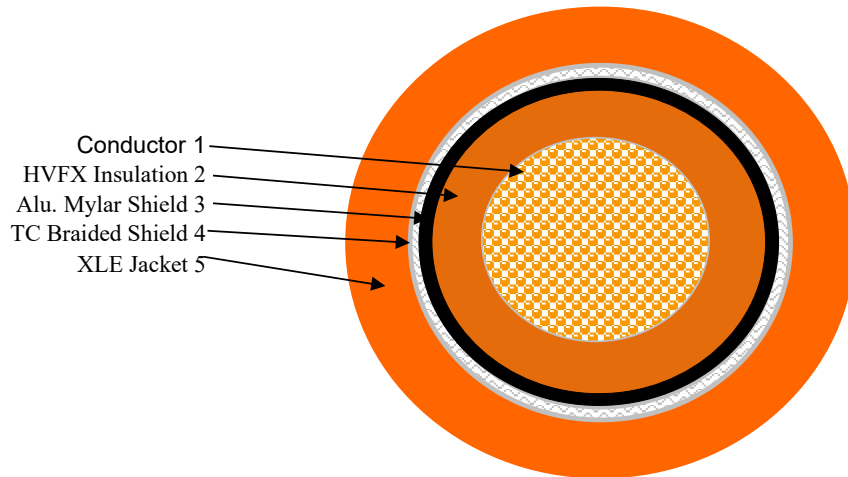


REV.	DESCRIPTION	DATE
0	Initial Release.	7/5/2018

General Properties 10.0mm² 65/.46mm BC HVFX/XLE Shielded High Voltage Cable

Application Hybrid or Electric Powered Vehicles

General Composition of Cable See Below



Color Code	
Inner	TBD
Outer Jacket	TBD

Physical Data

Description	Dimensions (Nom.)			
		inches	mm	
1. Conductor:	10.0mm ² 65/.46mm bare copper	0.153	3.89	
2. Insulation:	EXRAD HVFX wall thickness: 45 mil	0.243	6.17	
3. Foil Shield:	Aluminum Mylar-Foil Side Out	0.252	6.40	
4. Shield:	36 AWG Tinned Copper Braid, 95% coverage-Nominal	0.275	6.99	
5. Jacket:	EXRAD XLE wall thickness: 48 mil	0.370	9.40	
		OD Tolerance +/- 0.015"		+/- 0.38mm
Print Legend:	CHAMPLAIN CABLE 10.0mm ² BC HVFX/XLE SHIELDED HIGH VOLTAGE CABLE 17263 XXXXX XXXXXX = lot code			

Electrical Data

Conductor Resistance: 1.82 ohms/km (0.667 ohms/kft) @ 20° C max.
Voltage Rating: 600 volts maximum per ISO 6722-1

General Data

Use: High Voltage Power Cables for Electric or Hybrid Vehicles
Temperature Range: -55° C to +150° C
Primary Insulation: Meets Requirements of ISO 6722 Thick Wall, Class D
Jacket Insulation: Meets Performance Requirements of ISO 6722-1 Thick Wall, Class D
Min. Static Bend Radius: inches mm
1.1 28



TITLE	10.0mm ² 65/.46mm BC HVFX/XLE Shielded High Voltage Cable	
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES	DRN.	Steve Blum	DATE	7/5/2018
	CKD.		DATE	
DO NOT SCALE THIS DRAWING	SIZE	PART NUMBER	DOCUMENT NUMBER	
	A	TBD	17263	