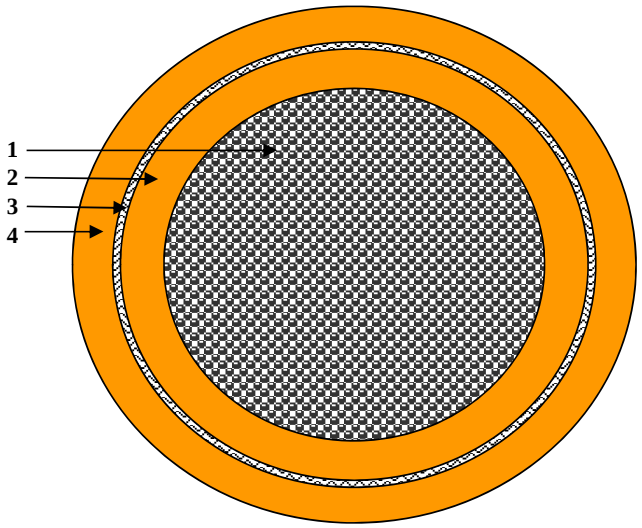
REV.	DESCRIPTION	DATE
4	Add primary insulation reference to ES-AU5T-1A348-AA and conductor info to Part Number info	9/12/2017
5	Change reference to ES-9E58-14B322-AA 4TAG for overall cable	9/13/2017
6	Add dash numbers	3/15/2018

General Properties High Voltage 5.0mm2 EXRAD HVFX/HVFX Braided Shield Cable

Application Hybrid or Electric Powered Vehicles

General Composition of Cable See Below



Dash	Color
002	YNA OR//BK
003	OR/WT
004	OR/GY
005	OR/DKGN
006	OR
007	YNA OR/DKGN
008	YNA OR/GY

Physical Data

	Description					Dimensions (Nom.) inches	mm
1.	Conductor:	5.0mm2 37/.42mm BC			.104" Min, .108" Max	0.106	2.69
2.	Insulation: <D>	EXRAD HVFX wall thickness:	28	mil (25mil min)	.152"Min/.172" Max	0.162	4.11
3.	Shield	40 AWG tinned copper braid 95% nominal coverage				0.176	4.47
4.	Jacket	EXRAD HVFX wall thickness:	25	mil		0.226	5.74
					Outside diameter tolerance Min/Max	.213"/.236"	5.4/6.0mm

Electrical Data

Conductor Resistance::	3.94 mOhms/meter Max. per ISO6722-1 @20° C MAX
Voltage Rating	600V per ISO-6722-1

General Data

Use:	High Voltage Power Cables for Electric or Hybrid Vehicles
Temperature Range:	-70° C to +150° C per ISO-6722-1
Overall Cable:	Meets requirements per Ford's ES-9E58-14B322-AA 4TAG

Minimum Satic Bend Radius:	inches	mm
	1.1	29

CHAMPLAIN CABLE

TITLE

5.0mm2 37/.42mm HVFX/HVFX High Voltage Thinwall Shielded Battery Cable

UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES

DO NOT SCALE THIS DRAWING

DRN.	DATE
Steve Blum	6/22/2016
CKD.	DATE

SIZE	PART NUMBER	DOCUMENT NUMBER
A	15-08238-xxx	15457

z

ETF-011 Owner: RF Business Unit Manager - Approved By: VP of Operations / 27 February 2004