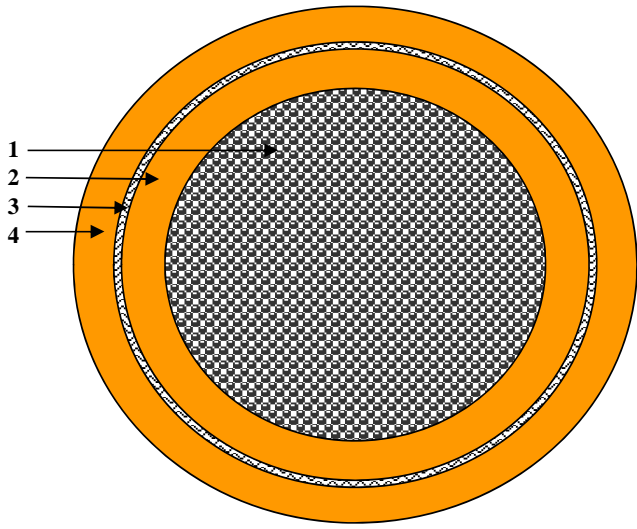



REV.	DESCRIPTION	DATE																
4	Add primary insulation reference to ES-AU5T-1A348-AA and conductor info to Part Number info	9/12/2017																
5	Change reference to ES-9E58-14B322-AA 4TAG for overall cable	9/13/2017																
6	Add dash numbers	3/15/2018																
General Properties	High Voltage 5.0mm2 EXTRAD HVFX/HVFX Braided Shield Cable																	
Application	Hybrid or Electric Powered Vehicles																	
General Composition of Cable	See Below																	
		<table border="1"> <thead> <tr> <th>Dash</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>002</td> <td>YNA OR//BK</td> </tr> <tr> <td>003</td> <td>OR/WT</td> </tr> <tr> <td>004</td> <td>OR/GY</td> </tr> <tr> <td>005</td> <td>OR/DKGN</td> </tr> <tr> <td>006</td> <td>OR</td> </tr> <tr> <td>007</td> <td>YNA OR/DKGN</td> </tr> <tr> <td>008</td> <td>YNA OR/GY</td> </tr> </tbody> </table>	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
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		Dimensions (Nom.)																
Description		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																
																		
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		PAGE 1 of 1																