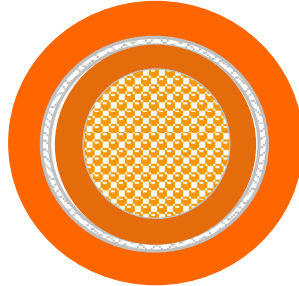


REV.	DESCRIPTION	DATE
0	Initial release	10/8/2018
1	Add Tolerances and idmensional requirements to meet ISO 19642-9	10/4/2019
2	Updated to 1000VAC/1500VDC	6/2/2022

**General Properties** -55 to 150° C 2.5mm<sup>2</sup> EXRAD HVFX/XLE Thick wall Shielded High Voltage Cable

**Application** Hybrid or Electric Powered Vehicles

**General Composition of Cable** See Below



**Color Code**  
 Primary Orange  
 Jacket Orange

Item	Component	Description	Thickness				Dimensions					
			inch		mm		<>		inch		mm	
			Nom	Min	Nom	Min	Nom	Tol	Nom	Tol		
1.	Conductor:	2.5mm2 37/.28 BC			NA	NA			0.074		1.88	NA
2.	Insulation:	EXAR HVFX	0.0310	0.024	0.79	0.61	<D>	0.136	0.006	3.45	0.15	
3.	Braid:	38 AWG TC 90% Min Coverage			NA	NA		0.152		3.86	NA	
4.	Jacket:	EXRAD XLE	0.0382		0.97	NA	<D>	0.228	0.012	5.80	0.30	

Print Legend: EXRAD HVFX/XLE 2.5mm<sup>2</sup> Shielded Thick Wall Cable 17356 XXXXX xxxxx-lot code

**Electrical Data** Conductor Resistance: 7.6ohms/m max. @20°C  
 Voltage Rating: 1000VAC/1500VDC per ISO19642


**General Data** Use: High Voltage Power Cables for Electric or Hybrid \

Temperature Range: -55° C to +150° C per ISO 6722-1

Primary Insulation: Meets Requirements of ISO 6722-1, 19642-5 Thick Wall, Class D 150°C

Jacket Insulation: Meets Requirements of ISO 19642-9 Class D 150°C

Min. Bend Radius:            in            mm  
    1.1            83

	TITLE		2.5MM2 EXRAD HVFX/XLE Shielded Thick Wall High Voltage Cable	
	DRN.	Steve Blum	DATE	10/8/2018
Special Characteristics <S> Safety <D> Dimensional	CKD.	Jun Yi	DATE	10/11/2018
DO NOT SCALE THIS DRAWING	SIZE A	PART NUMBER 15-08474	DOCUMENT NUMBER 17356	
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