

REV.	DESCRIPTION	DATE
0	Initial release.	12/13/2013
1	Corrected strand modified tolerances	12/19/2013
2	Add base part number and color combination info	4/14/2014
3	Correct dimensions, Add OD Tolerances,	5/8/2014

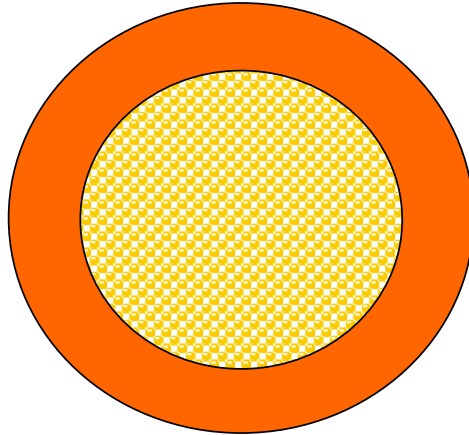
General Properties

Application

General Composition of Cable

High Voltage 10 AWG EXTRAD 150 FX Lead Wire
 Electrical and Hybrid Vehicles, Batteries and Charging Cables
 See Below

Dash	Color
-002	BK
-003	RD
-004	WT
-005	BN
-007	YL
-008	OR
-009	BU
-010	VT



Physical Data

Description	Dimensions: nom			
	in		mm	
1. Conductor:	10AWG 105/30 Tinned Copper	.108" min - .112" max	0.110	2.79
2. Insulation:	EXRAD 150FX wall thickness: 0.023 Inches	.151" min - .161" max	0.156	3.96
	Tolerance		+/- .005	+/- 0.13

Electrical Data

Conductor Resistance: 3.48 ohms/km @20° C nominal
 Voltage Rating: 1,000 volts maximum per SAE 1654

General Data

Use: Electric/ Hybrid Vehicles and Batteries
 Temperature Range: -55° C to +150° C

Min. Static Bend Radius: mm
 8



TITLE	10AWG 105/30 TC, High Voltage, EXTRAD 150		
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UNLESS OTHERWISE SPECIFIED,
 DIMENSIONS AND TOLERANCES
 ARE IN INCHES

DO NOT SCALE THIS DRAWING

DRN.	T. Roy	DATE	5/8/2014
CKD.	S. Blum	DATE	5/8/2014
SIZE	PART NUMBER	DOCUMENT NUMBER	
A	15-08024-xxx	14589	

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