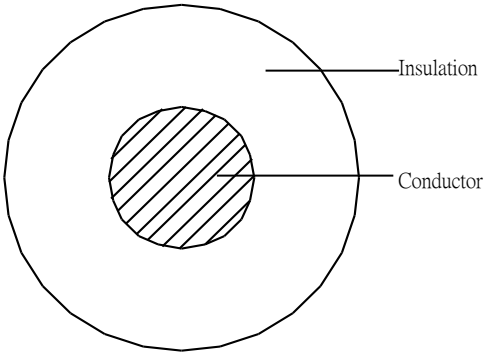
Product Specification

Part No.:

Style 3302 Irradiated Polyethylene Insulated Wire

Cross Section



Marking

N/A

Description

Rating Voltage (V)	30
Rating Temperature (℃)	105
Certification	UL
Flame test	VW-1

Application

Internal Wiring of Class 2 Circuits in Electronic Equipment.

Reference Standard

UL758, UL1581 & CSA C22.2 No.210.2

Construction

1C

Conductor	**Stranded Tinned Copper**
AWG	28
Construction	7/0.127
Stranded Dia. (mm)	0.38
Insulation	**XL-PE(NHFR)**
Min.. Thickness (mm)	0.14
Nom. Thickness (mm)	0.18
Insulation Dia. (±0.08mm)	0.76

Color

Available colors from:
Black / Brown / Red / Orange / Yellow / Green / Blue / Violet
Gray / White / Light Blue / Pink / Light Green / Light Gray

Performance

Electrical Charactistics(20℃)

Max. Conductor DC Resistance at 20℃ (Ω/km)	239.0
Dielectric Withstand AC (kV/min)	0.5

Mechanical Characteristics:

Test Object		**Insulation**
Test Material		XL-PE
Before Aging	Tensile Strength (Mpa)	≧10.35
	Elongation (%)	≧150
Aging Condition		136±2℃ x 168 hrs
After Aging	Tensile Strength (Mpa)	≧70% of original
	Elongation (%)	≧50% of original

Sample Record

Sample No. :
Original spec no. SZ-B3302-151 Rev.:0
Ref. spec No. : Rev.:

Revision History

Prepared by:	WENDY	2015/5/29	Table No.:T100	Rev.: 0
Approved by:	CICICHENG	2015/5/29		Page 1 of 1

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