

Datasheet

Product Name: UL1007 16AWG
Product Discription: UL1007 16AWG
Specification No.: SPEC-UL1007-16AWG
Customer's Name:

	Description		Construction			
Rated Voltage:	300V	Conductor	Stranded Tinned Copper			
Rated Temperature:	80℃	Size(AWG)	16			
Reference Standard:	UL758,UL1581	Construction(±0.008mm)	26/0.254			
	Cross Section	Stranded Dia.(mm)Ref.	1.49			
		Insulation Material	PVC			
		Insulation Color	ANY COLOR			
		Ave Thickness(mm)	0.38			
		Min Thickness(mm)	0.33			
		Insulation Dia.(±0.10mm)	2.30			

Marking

E254881Ŋ AWM STYLE 1007 16AWG 80℃ 300V VW-1 CŊ AWM I A 80℃ 300V FT1 -LF- -F- ELETECK

Remark:

9108447 Black 9108456 Red 9108459 Blue

						Characteris	tics	Customer Approve
Applications					Test Item		Standard Value	
For internal wiring of electronic and electrical equipment				quipment	Test Material		PVC(ROHS)	
					Before	Tensile Strength(Mpa)	≥10.3	
					Aging	Elongation(%)	≥100	Cool 9 Ctomp
					Aging Condiction		113±2℃*168hrs	Seal & Stamp
Revisions					After	Tensile Strength(Mpa)	≥70% of original	
Version	Description	Drawn by	Approved by	Date	Aging	Elongation(%)	≥65% of original	
0	New document issue	YanBin	SamFeng	10/12/2015	Deformati	on(121±1℃*250g)	≤50%	
					Cold Bend(-10±1°C*4hrs) Heat Shock(121±1°C*1hr)		No crack	
							No crack	Signature:
					Max.DC R	esistance(20℃ Ω/km)	14.6	
					Dieletric S	Strength(kv/min)	2.0	Date:
					Flammabi	lity Test	VW-1	

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