

Datasheet

Product Name: UL1007 20AWG
Product Discription: UL1007 20AWG
Specification No.: SPEC-UL1007-20AWG
Customer's Name:

	Description		Construction			
Rated Voltage:	300V	Conductor	Stranded Tinned Copper			
Rated Temperature:	80℃	Size(AWG)	20			
Reference Standard:	UL758,UL1581	Construction(±0.008mm)	26/0.16			
	Cross Section	Stranded Dia.(mm)Ref.	0.94			
		Insulation Material	PVC			
		Insulation Color	ANY COLOR			
		Ave Thickness(mm)	0.38			
		Min Thickness(mm)	0.33			
		Insulation Dia.(±0.10mm)	1.76			
	Marking	Remark:	Remark:			

E254881 AWM STYLE 1007 20AWG 80°C 300V VW-1

9108431 Yellow 9108440 Brown 9108443 Grey

						Characteris	tics	Customer Approve
Applications					Test Item Test Material		Standard Value	
For internal wiring of electronic and electrical equipment				quipment			PVC(ROHS)	
					Before	Tensile Strength(Mpa)	≥10.3	
Revisions					Aging Elongation(%)	≥100	Seal & Stamp	
					Aging Condiction			113±2°C*168hrs
					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	5 Deformation(121±1℃*250g) Cold Bend(-10±1℃*4hrs) Heat Shock(121±1℃*1hr) Max.DC Resistance(20℃ Ω/km)		≤50%	
							No crack	
							No crack	Signature:
							36.7	
					Dieletric S	Strength(kv/min)	2.0	Date:
					Flammabi	lity Test	VW-1	

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