



Datasheet

Product Name:	UL1007 26AWG
Product Discription:	UL1007 26AWG
Specification No.:	SPEC-UL1007-26AWG
Customer's Name:	

Description		Construction			
Rated Voltage:	300V	Conductor	Stranded Tinned Copper		
Rated Temperature:	80°C	Size(AWG)	26		
Reference Standard:	UL758,UL1581	Construction(±0.008mm)	7/0.16		
Cross Section		Stranded Dia.(mm)Ref.	0.48		
		Insulation Material	PVC		
		Insulation Color	ANY COLOR		
		Ave Thickness(mm)	0.38		
		Min Thickness(mm)	0.33		
		Insulation Dia.(±0.08mm)	1.30		

Marking	Remark:
E254881 AWM STYLE 1007 26AWG 80°C 300V VW-1	8740393 Black 8740406 Red 8740419 White 8740428 Grey
AWM I A 80°C 300V FT1 -LF- -F- ELETECK	8740400 Blue 8740412 Green 8740422 Violet
	8740403 Brown 8740416 Yellow 8740425 Orange

Applications					Characteristics		Customer Approve	
For internal wiring of electronic and electrical equipment					Test Item	Standard Value	Seal & Stamp Signature: Date:	
					Test Material	PVC(ROHS)		
					Before Aging	Tensile Strength(Mpa)		≥10.3
						Elongation(%)		≥100
					Aging Conduction			113±2°C*168hrs
					After Aging	Tensile Strength(Mpa)		≥70% of original
						Elongation(%)		≥65% of original
					Deformation(121±1°C*250g)			≤50%
					Cold Bend(-10±1°C*4hrs)			No crack
					Heat Shock(121±1°C*1hr)			No crack
					Max.DC Resistance(20°C Ω/km)		150	
					Dieletric Strength(kv/min)		2.0	
					Flammability Test		VW-1	

Revisions				
Version	Description	Drawn by	Approved by	Date
0	New document issue	YanBin	David Lin	#####