



Datasheet

Product Name:	UL1007 28AWG
Product Discription:	UL1007 28AWG
Specification No.:	SPEC-UL1007-28AWG
Customer's Name:	

Description		Construction			
Rated Voltage:	300V	Conductor	Stranded Tinned Copper		
Rated Temperature:	80°C	Size(AWG)	28		
Reference Standard:	UL758,UL1581	Construction(±0.008mm)	7/0.127		
Cross Section		Stranded Dia.(mm)Ref.	0.38		
		Insulation Material	PVC		
		Insulation Color	ANY COLOR		
		Ave Thickness(mm)	0.38		
		Min Thickness(mm)	0.33		
		Insulation Dia.(±0.05mm)	1.20		

Marking		Remark:			
E254881	AWM STYLE 1007 28AWG 80°C 300V VW-1	8740365 Brown	8740377 Blue	8740387 Orange	8740399 Violet
CA	AWM I A 80°C 300V FT1 -LF- -F- ELETECK	8740371 White	8740380 Green	8740361 Black	
		8740374 Red	8740383 Yellow	8740396 Grey	

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)		239	
					Dielectric Strength(kv/min)		2.0	
					Flammability Test		VW-1	

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