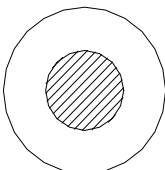




Datasheet

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					Remark:						
E254881  AWM STYLE 1007 16AWG 80℃ 300V VW-1 C  AWM I A 80℃ 300V FT1 -LF- -F- ELETECK					9108447 Black						
					9108456 Red						
					9108459 Blue						
Applications					Characteristics				Customer Approve		
For internal wiring of electronic and electrical equipment					Test Item			Standard Value			
					Test Material			PVC(ROHS)			
					Before Aging	Tensile Strength(Mpa)		≥10.3			
						Elongation(%)		≥100			
					Aging Conduction			113±2℃*168hrs			
After Aging	Tensile Strength(Mpa)		≥70% of original			Signature:					
	Elongation(%)		≥65% of original								
Deformation(121±1℃*250g)			≤50%				Date:				
Cold Bend(-10±1℃*4hrs)			No crack								
Heat Shock(121±1℃*1hr)			No crack								
Max.DC Resistance(20℃ Ω/km)			14.6								
Dieletric Strength(kv/min)			2.0								
Flammability Test			VW-1								
Revisions											
Version	Description	Drawn by	Approved by	Date							
0	New document issue	YanBin	SamFeng	10/12/2015							