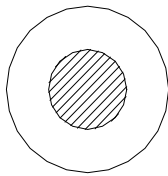







Product Name:	UL1007 16AWG
Product Discription:	UL1007 16AWG
Specification No.:	SPEC-UL1007-16AWG
Customer's Name:	

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  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				
Revisions					After Aging	Tensile Strength(Mpa)		≥70% of original			Signature:	
						Elongation(%)		≥65% of original				
Version	Description	Drawn by	Approved by	Date	Deformation(121±1℃*250g)			≤50%				Date:
0	New document issue	YanBin	SamFeng	10/12/2015	Cold Bend(-10±1℃*4hrs)			No crack				
					Heat Shock(121±1℃*1hr)			No crack				
					Max.DC Resistance(20℃ Ω/km)			14.6				
					Dielectric Strength(kv/min)			2.0				
					Flammability Test			VW-1				