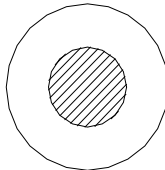




Product Name:	UL1569 28AWG
Product Discription:	UL1569 28AWG
Specification No.:	SPEC-UL1569-28AWG
Customer's Name:	

Description					Construction							
Rated Voltage:		300V			Conductor		Stranded Tinned Copper					
Rated Temperature:		105℃			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 1569 28AWG 105℃ 300V VW-1  AWM I A 105℃ 300V FT1 -LF- ELETECK					8840831 Brown		8840843 Blue		8840853 Orange		8840865 Violet	
					8840847 White		8840856 Green		8840837 Black			
					8840840 Red		8840859 Yellow		8840862 Grey			
Applications					Characteristics					Customer Approve		
Internal wiring of appliances or electronic equipment where not subjected to movement or mechanical damage.					Test Item			Standard Value				
					Test Material			PVC(ROHS)				
					Before Aging	Tensile Strength(Mpa)		≥10.3				
						Elongation(%)		≥100				
Aging Conduction			136±2℃*168hrs									
After Aging	Tensile Strength(Mpa)		≥70% of original									
	Elongation(%)		≥65% of original									
Deformation(121±1℃*250g)			≤50%									
Cold Bend(-10±1℃*4hrs)			No crack									
Heat Shock(121±1℃*1hr)			No crack									
Max.DC Resistance(20℃ Ω/km)			239									
Dielectric Strength(kv/min)			2.0									
Flammability Test			VW-1									
Revisions					Signature: Date:							
Version	Description	Drawn by	Approved by	Date								
0	New document issue	YanBin	David Lin	17/06/2015								