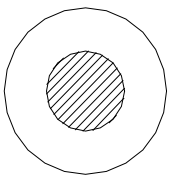






# Datasheet

<b>Product Name:</b>	UL1569 28AWG
<b>Product Discription:</b>	UL1569 28AWG
<b>Specification No.:</b>	SPEC-UL1569-28AWG
<b>Customer's Name:</b>	

Description		Construction			
Rated Voltage:	300V	Conductor	Stranded Tinned Copper		
Rated Temperature:	105°C	Size(AWG)	28		
Reference Standard:	UL758,UL1581	Construction(±0.008mm)	7/0.127		
<b>Cross Section</b> 		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°C 300V VW-1	8840831 Brown      8840843 Blue      8840853 Orange      8840865 Violet
 AWM I A 105°C 300V FT1 -LF- ELETECK	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	<b>Seal &amp; Stamp</b>  Signature:  Date:																									
					Test Material	PVC(ROHS)																										
					Before Aging	Tensile Strength(Mpa)		≥10.3																								
Elongation(%)	≥100																															
					Aging Conduction			136±2°C*168hrs																								
					After Aging	Tensile Strength(Mpa)		≥70% of original																								
Elongation(%)	≥65% of original																															
<b>Revisions</b> <table border="1"> <thead> <tr> <th>Version</th> <th>Description</th> <th>Drawn by</th> <th>Approved by</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>New document issue</td> <td>YanBin</td> <td>David Lin</td> <td>17/06/2015</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					Version	Description		Drawn by	Approved by	Date	0	New document issue	YanBin	David Lin	17/06/2015																Deformation(121±1°C*250g)	≤50%
					Version	Description		Drawn by	Approved by	Date																						
					0	New document issue		YanBin	David Lin	17/06/2015																						
					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																										