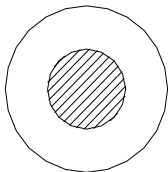






# Datasheet

<b>Product Name:</b>	UL1569 26AWG
<b>Product Discription:</b>	UL1569 26AWG
<b>Specification No.:</b>	SPEC-UL1569-26AWG
<b>Customer's Name:</b>	

Description		Construction			
Rated Voltage:	300V	Conductor	Stranded Tinned Copper		
Rated Temperature:	105°C	Size(AWG)	26		
Reference Standard:	UL758,UL1581	Construction(±0.008mm)	7/0.16		
<b>Cross Section</b> 		Stranded Dia.(mm)Ref.	0.48		
		Insulation Material	PVC		
		Insulation Color	ANY COLOR		
		Ave Thickness(mm)	0.38		
		Min Thickness(mm)	0.33		
		Insulation Dia.(±0.08mm)	1.30		

Marking	Remark:
E254881  AWM STYLE 1569 26AWG 105°C 300V VW-1  AWM I A 105°C 300V FT1 -LF- ELETECK	8840878 Brown      8840875 Blue      8840890 Orange      8840897 Violet 8840884 White      8840887 Green      8840869 Black 8840871 Red      8840881 Yellow      8840893 Grey

Applications					Characteristics		Customer Approve																																			
Internal wiring of appliances or electronic equipment where not subjected to movement or mechanical damage.					<table border="1"> <thead> <tr> <th>Test Item</th> <th>Standard Value</th> </tr> </thead> <tbody> <tr> <td>Test Material</td> <td>PVC(ROHS)</td> </tr> <tr> <td rowspan="2">Before Aging</td> <td>Tensile Strength(Mpa)</td> <td>≥10.3</td> </tr> <tr> <td>Elongation(%)</td> <td>≥100</td> </tr> <tr> <td colspan="2">Aging Conduction</td> <td>136±2°C*168hrs</td> </tr> <tr> <td rowspan="2">After Aging</td> <td>Tensile Strength(Mpa)</td> <td>≥70% of original</td> </tr> <tr> <td>Elongation(%)</td> <td>≥65% of original</td> </tr> <tr> <td colspan="2">Deformation(121±1°C*250g)</td> <td>≤50%</td> </tr> <tr> <td colspan="2">Cold Bend(-10±1°C*4hrs)</td> <td>No crack</td> </tr> <tr> <td colspan="2">Heat Shock(121±1°C*1hr)</td> <td>No crack</td> </tr> <tr> <td colspan="2">Max.DC Resistance(20°C Ω/km)</td> <td>150</td> </tr> <tr> <td colspan="2">Dielectric Strength(kv/min)</td> <td>2.0</td> </tr> <tr> <td colspan="2">Flammability Test</td> <td>VW-1</td> </tr> </tbody> </table>		Test Item	Standard Value	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	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)		150	Dielectric Strength(kv/min)		2.0	Flammability Test		VW-1	<b>Seal &amp; Stamp</b>  Signature:  Date:
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