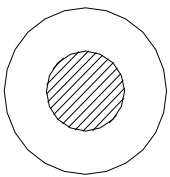






Datasheet

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°C	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°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.					<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>239</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)		239	Dielectric Strength(kv/min)		2.0	Flammability Test		VW-1	Seal & Stamp Signature: Date:
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