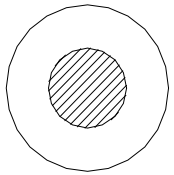
Datasheet

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

Description

Rated Voltage:	300V
Rated Temperature:	105℃
Reference Standard:	UL758,UL1581

Cross Section



Marking

E254881 AWM STYLE 1569 28AWG 105℃ 300V VW-1
C AWM I A 105℃ 300V FT1 -LF- ELETECK

Applications

Internal wiring of appliances or electronic equipment where not subjected to movement or mechanical damage.

Revisions

Version	Description	Drawn by	Approved by	Date
0	New document issue	YanBin	David Lin	17/06/2015

Construction

Conductor	**Stranded Tinned Copper**		
Size(AWG)	28		
Construction(±0.008mm)	7/0.127		
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		

Remark:

8840831 Brown	8840843 Blue	8840853 Orange	8840865 Violet
8840847 White	8840856 Green	8840837 Black	
8840840 Red	8840859 Yellow	8840862 Grey	

Characteristics

Test Item		Standard Value
Test Material		PVC(ROHS)
Before Aging	**Tensile Strength(Mpa)**	⩾10.3
	Elongation(%)	⩾100
Aging Condiction		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
Dieletric Strength(kv/min)		2.0
Flammability Test		VW-1

Customer Approve

Seal & Stamp

Signature:

Date:

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.