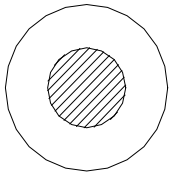
Datasheet

Product Name:	UL1007 28AWG
Product Discription:	UL1007 28AWG
Specification No.:	SPEC-UL1007-28AWG
Customer's Name:	

Description

Rated Voltage:	300V
Rated Temperature:	80℃
Reference Standard:	UL758,UL1581

Cross Section



Marking

E254881 AWM STYLE 1007 28AWG 80℃ 300V VW-1
C AWM I A 80℃ 300V FT1 -LF- -F- ELETECK

Applications

For internal wiring of electronic and electrical equipment

Revisions

Version	Description	Drawn by	Approved by	Date
0	New document issue	YanBin	David Lin	#########

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:

8740365 Brown	8740377 Blue	8740387 Orange	8740399 Violet
8740371 White	8740380 Green	8740361 Black	
8740374 Red	8740383 Yellow	8740396 Grey	

Characteristics

Test Item		Standard Value
Test Material		PVC(ROHS)
Before Aging	**Tensile Strength(Mpa)**	⩾10.3
	Elongation(%)	⩾100
Aging Condiction		113±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: