



# Datasheet

Product Name:	UL11028 28AWG
Product Discription:	UL11028 28AWG
Specification No.:	SPEC-YK-11028-009
Customer's Name:	

Description		Construction			
Rated Voltage:	600V	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	mPPE		
		Insulation Color	ANY COLOR		
		Ave Thickness(mm)	0.20		
		Min Thickness(mm)	0.18		
		Insulation Dia.(±0.05mm)	0.90		

Marking	Remark:
E254881  AWM STYLE 11028 28AWG 105°C 600V VW-1	8724420 Brown      8724436 White      8724445 Green      8724454 Violet
AWM I A 105°C 600V FT1 -LF- -HF- ELETECK	8724426 Black      8724439 Red      8724448 Yellow
	8724432 Blue      8724442 Orange      8724451 Grey

Applications					Characteristics		Customer Approve	
For internal wiring of electrical equipment					Test Item	Standard Value	<b>Seal &amp; Stamp</b>  Signature:  Date:	
					Test Material	mPPE(RoHS)		
					Before Aging	Tensile Strength(Mpa)		≥21.37
						Elongation(%)		≥175
					Aging Condition			136±2°C*168hrs
					After Aging	Tensile Strength(Mpa)		≥85% of original
						Elongation(%)		≥50% 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	
					Flammability Test		VW-1	

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