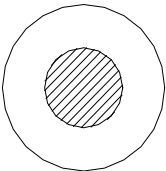




# Datasheet

Product Name:	UL1015 24AWG
Product Discription:	UL1015 24AWG
Specification No.:	SPEC-UL1015-24AWG
Customer's Name:	

Description		Construction			
Rated Voltage:	600V	Conductor	Stranded Tinned Copper		
Rated Temperature:	105°C	Size(AWG)	24		
Reference Standard:	UL758,UL1581	Construction(±0.008mm)	11/0.16		
<b>Cross Section</b> 		Stranded Dia.(mm)Ref.	0.61		
		Insulation Material	PVC		
		Insulation Color	ANY COLOR		
		Ave Thickness(mm)	0.76		
		Min Thickness(mm)	0.69		
		Insulation Dia.(±0.10mm)	2.20		

Marking	Remark:
E254881  AWM STYLE 1015 24AWG 105°C 600V VW-1	8724622 Yellow      8724634 Grey
 AWM I A 105°C 600V FT1 -LF- -F- ELETECK	8724628 Brown      8724638 Violet
	8724631 Orange

Applications					Characteristics		Customer Approve	
For internal wiring of electronic and electrical equipment					Test Item	Standard Value	<b>Seal &amp; Stamp</b>  Signature:  Date:	
					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)			94.2
					Dielectric Strength(kv/min)			2.0
					Flammability Test			VW-1

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