

SHUNDE XIONGRUN ELECTRICAL CO., LTD

Specification

Name: SVT 18/3C 105°C					
Inspect Standard: UL 62					
		Inspecting Item	Spec.		
Configuration	Conductor		41/0.16BC		
	Max. Dia for single wire		0.16mm		
	Max. Strand OD Dia.		1.18mm		
	Av. Thick of the Insulation		0.38mm		
	Min. thick of the insulation		0.33mm		
	OD Dia. of the Insulation		2.05+/-0.05mm		
	Color		Black, Red, White		
	Strand Distance		≤35mm		
	Av. Think of the Overlay		0.89mm		
	Min. Think of the Overlay		0.71mm		
	OD Dia.		6.1+/-0.15mm		
Function	Rated Temperature/ Rated Voltage		105°C/300V		
	Sparking Voltage		6000V		
	Insulation	Before Aging	Elongate	≥100%	
			Pull Resistance	≥1500PSI/mm ²	
		Aginged	Elongate	45%	(136±2) °C*168h
			Pull Resistance	85%	
	Overlay	Before Aging	Elongate	≥100%	
			Pull Resistance	≥1500PSI/mm ²	
		Aginged	Elongate	45%	(136±2) °C*168h
			Pull Resistance	85%	
	DC Resistance (20°C)		≤22.27MΩ/Km		
	Insulation Resistance		≥100MΩ		
	Voltage Resistance Test		Unsplit1500V/min		
	Distorsion Test		≤50% 4h*(70±2) °C*1h		
	Heat Shock Test		Unsplit (150±2) °C*1h		
Corving test in low temperature		Unsplit (-15±2) °C*4h			
Burning Test		Flame will quench under the sample			
Printing	(UL) E218701 SVT 18AWG×3C 105°C VW-1 XIONGRUN C (UL) TYPE SVT 18AWG×3C 105°C FT2				

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