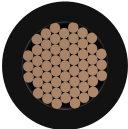


SPECIFICATION FOR APPROVAL

SUNKEAN

1.CONSTRUCTION

RATED VOLTAGE	UL 10269 35mm ²		REVISION:	A/0	FORM NO.	B274
	1250V DC		CONSTRUCTION D.W.G			
Conductor	Cross-sectional Area	35mm ²				
	Material	Stranded Tinned Copper				
	Conductor.Size (mm)	1121/0.20				
	approx. Stranded OD.(mm)	8.24				
Insulation	Material	PVC				
	AVG Thickness (mm)	1.52				
	Min Thickness (mm)	1.37				
	OD.(mm)	11.60±0.25				
	Color	Black				

2.MECHANICAL CHARACTERISTICS

ITEM		SPECIFICATION	
		Insulation	
Elongation	Un-aged	≥100%	
Strength		≥10.3MPa	
Elongation	Temp. Rating 136±2℃×168h	Residual elongation	≥65%
Strength		Residual Tensile Strength	≥70%
Flame test	VW-1/FT1	PASS	
Rated temperature	105℃		

3.ELECTRICAL CHARACTERISTICS

ITEM	SPECIFICATION
Max. Conductor DC Resistance at 20℃	≤0.565Ω/km
Dielectric Strength	3kV/min
Spark test	10000VAC

4.STANDARD

PRODUCT STANDARD CERTIFICATION	Reference Standard:
E522621	UL1581&UL758

5.MARKING

E522621  AWM STYLE 10269 35mm ² 105℃ 1000V VW-1 SUNKEAN CABLE CO.,LTD. c  AWM I A 105℃ 1000V FT1 RoHS COMPLIANT CE

6.PACKING

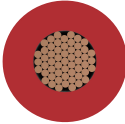
(a) 305m、610m
(b) Consulting if delivering in other ways

Part No.	Serial No.	Drawing	Checked	Approved	Date	APPROVED
104-T0135M-00201	001	Zooyey	Max	Defree	2025/5/22	

SPECIFICATION FOR APPROVAL

SUNKEAN

1.CONSTRUCTION

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	1250V DC		CONSTRUCTION D.W.G			
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	Material	Stranded Tinned Copper				
	Conductor.Size (mm)	1121/0.20				
	approx. Stranded OD.(mm)	8.24				
Insulation	Material	PVC				
	AVG Thickness (mm)	1.52				
	Min Thickness (mm)	1.37				
	OD.(mm)	11.60±0.25				
	Color	Red				

2.MECHANICAL CHARACTERISTICS

ITEM		SPECIFICATION	
		Insulation	
Elongation	Un-aged	≥100%	
Strength		≥10.3MPa	
Elongation	Temp. Rating 136±2℃×168h	Residual elongation	≥65%
Strength		Residual Tensile Strength	≥70%
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Part No.	Serial No.	Drawing	Checked	Approved	Date	APPROVED
104-T0135M-00202	001	Zooyey	Max	Defree	2025/5/22	

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