CnC Tech

Type: UL Style 3132 Silicone Rubber Insulation 150°C 300V

C-UL type SEWF-1 300V 150°C

Recognition No.: E205197



P/N: 3132-XX-1-0100-0XX-1-TS (8AWG -14AWG)

3132-XX-1-0500-0XX-1-TS (16AWG-26AWG)

Conductor		Insulation		Electrical Character	
Solid Diameter or Stranding Diameter AWG (mm^2)	Composition No/Diameter of Component Wire (mm)	Insulation Thickness (mm)	Overall Diameter (mm)	Rated Voltage V	Maximum Conductor Resistance Ω/km 20°C
26AWG (0.14mm^2)	7/0.16 Tinned Strands	0.4	1.30(±0.10)	300V	152.0
24AWG (0.22mm^2)	11/0.16 Tinned Strands	0.4	1.45(±0.10)	300V	96.5
22AWG (0.33mm^2)	22/0.14 Tinned Strands	0.4	1.6(±0.10)	300V	59.4
20AWG (0.53mm^2)	21/0.18 Tinned Strands	0.4	1.8(±0.10)	300V	37.4
18AWG (0.84mm^2)	34/0.18 Tinned Strands	0.4	2.0(±0.15)	300V	23.5
16AWG (1.25mm^2)	26/0.254 Tinned Strands	0.4	2.3(±0.15)	300V	14.6
14AWG (2.1mm^2)	41/0.254 Tinned Strands	0.5	3.0(±0.2)	300V	9.15
12AWG (3.3mm^2)	65/0.254 Tinned Strands	0.5	3.4(±0.2)	300V	5.75
10AWG (5.3mm^2)	105/0.254 Tinned Strands	0.8	5.1(±0.2)	300V	3.80
8AWG (8.4mm^2)	166/0.254 Tinned Strands	0.8	6.0(±0.2)	300V	2.23

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1. Scope: Concerning on UL758 the size from 30AWG to 4/0 AWG working temperature 300V 150°C
2. Conductor: Material of Conductor: Tinned Copper
   Composition of conductor for sizes within the UL 758 specified being showed as Table.

3. Insulation Material: Compound Silicone Rubber.
   Average thickness of insulation being showed as Table
   Minimum thickness of insulation at any point: Omission
4. Surface Printing:
   E205197 AWM STYLE 3132 300V 150°C □□AWG TYPE SEWF-1 SILICONE RUBBER 300V 150°C □□AWG VW-1 FT1 EASSAN
5. Electrical and Physical character
   Unaged: Elongation:250%
   Tensile Strength: 1000lbf/in^2
   After aged: Test specimens being kept in an air oven with 158°C(±1°C) for 60days
   Elongation:25% result of unaged test specimen
   Tensile Strength: 60% result of the unaged test specimen.
   Flame Test: VW-1 & FT1 : Conforming to UL758 method to test
6. Dielectric Withstand Voltage Test: 1500V for 1 minute No Breakdown
7. Packing: 8-14AWG: 100ft/reel, 16-26AWG: 500ft/reel
8. Country of Origin: Taiwan

P/N's & COLORS				
3132-XX-1-0X00-001-1-TS BLACK	3132-XX-1-0X00-002-1-TS WHITE	3132-XX-1-0X00-003-1-TS YELLOW	3132-XX-1-0X00-004-1-TS RED	3132-XX-1-0X00-005-1-TS BLUE
3132-XX-1-0X00-006-1-TS BROWN	3132-XX-1-0X00-007-1-TS GREEN	3132-XX-1-0X00-008-1-TS ORANGE	3132-XX-1-0X00-011-1-TS GREEN + YELLOW	

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