

active



東莞衡隆電業有限公司
EVERLONG ELECTRIC (DONG GUAN) CO.,LTD

SPECIFICATION

CUSTOMER	
STYLE	UL1007
RATING	80°C 300V
SIZE	16-30AWG
FILE NO.	E323326
EDITION	A0
DATE	2010-06-22
DESIGN NO.	

CUSTOMER APPROVAL	MANUFACTURER APPROVAL

Address: HuaNan Industry Garden JinFu One Road,LiaoBu Town,

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APPROVED	CHECKED	DESIGN

Specification

Style	UL1007	Date	2010-06-22
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1. Construction & Material :

a. Conductor

Size AWG	C	Material	Construction pcs / mm(±0.008)	Diameter mm	Conductor Resistance (At20°C) Ω / K M
16	1	Tinned copper	26 / 0.254	1.50	14.6
18			34 / 0.178	1.20	23.2
20			21 / 0.178	0.94	36.7
22			17 / 0.16	0.76	59.4
24			11 / 0.16	0.61	94.2
26			7 / 0.16	0.49	150.0
28			7 / 0.127	0.39	239.0
30			7 / 0.10	0.31	381.0

b. Insulation

Size AWG	C	Material	Avg.thickness mm	Min.thickness mm	Diameter mm
16	1	PVC (45P)	0.38	0.33	2.40 ± 0.10
18					2.10 ± 0.10
20					1.80 ± 0.10
22					1.60 ± 0.10
24					1.40 ± 0.10
26					1.30 ± 0.05
28					1.20 ± 0.05
30					1.10 ± 0.05

Color As Order

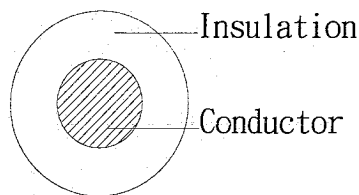
Marking E323326 AWM STYLE 1007 XXAWG VW-1 80°C 300V
c AWM I A 80°C 300V FT1 -F- LF EVERLONG

2. Electrical & Physical Properties :

Item	Unit	Specification	Standard
Insulation Resistance	MΩ/K M	At 20°C	Min. 0.75
Dielectric Withstand	VAC/Min.	2000	No Breaking
Flame Test		VW-1	PASS
Insulation	Unaged	Tensile Strength	Min. 1500 PSI
		Elongation	Min. 100 %
	Aged	Tensile Strength	Min. 70 %
		Elongation	Min. 65 %
Deformation test		Max. 50 %	
Heat shock test		121 ± 1 °C / 1HR	No Cracking
Cold bend test		-10 ± 2 °C / 4HR	No Cracking

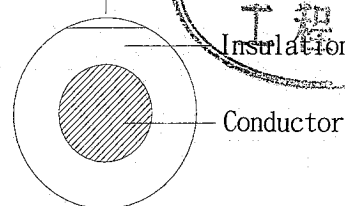
3. EVERLONG:EL-008-00

4. Cross - Section View :



Main color

Article Note



Notes of Color

