

SPECIFICATION FOR APPROVAL

DOCUMENT: E4604AS001

STYLE : 105°C 600V
HOOK-UP WIRE

SIZE: 1346 4AWG × 1C
AS

RECOGNIZED: UL , CSA

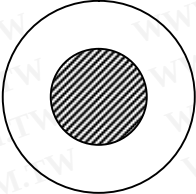


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WONDERFUL HI-TECHCO., LTD

SPECIFICATION

STYLE	105°C 600V HOOK-UP WIRE	DOCUMENT NO : E4604AS001
SIZE	1346 4AWG ×1C	ESTABLISHED DATE: 1993/09/22
STANDARD : UL 758 & CSA C22.2 NO.210.2 APPLICATION:INTERNAL WIREING OF ELECTRONIC AND ELECTRICAL EQUIPMENT. CONSTRUCION:		
Conductor	Size	AWG 4AWG
	Material	---- BARE STRANDED COPPER
	Conductors Assembly	---- 437x30AWG
	O.D.	mm 6.5
Insulation	Average Thickness	mm 1.60
	Diameter	mm 9.7 ± 0.2
	Material	---- PVC
	Color	---- BLACK OR OTHER COLOR
Silver	Material	----
	Direction	----
	Thickness	μ m
	Al direction	----
Braid	Material	----
	Construction	mm
	Coverage	%
Jacket	Average Thickness	mm
	Diameter	mm
	Material	----
	Color	----
Marking	AWM 1346 4AWG VW-1 105°C 600V E77981 WONDERFUL CSA AWM I A FT1 105°C 600V LL43774 (L.F)	
Drawing		

AK001/210X297/1.0

EDITION : 1.6

MAKER :

CONFIRM :

REVISED DATE :

APPROVAL :

PAGE : 1



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Electrical & Physical Properties:			
Item		4AWG × 1C	
Rating Temp. Voltage		105°C 600V	
Conductor Resistance		0.84 OHM/KM/20°C MAX.	
Insulation Resistance		5 MEGA OHM-KM MIN.	
Dielectric Strength		AC 1.5 KV/MIN	
Spark Test		7.5 KV	
Insulation	Unaged	Tensile Strength	-----
		Elongation	-----
	Aged	Tensile Strength	-----
		Elongation	-----
Jacket	Unaged	Tensile Strength	1500 PSI MIN.(1.05 Kg / m m²)
		Elongation	100% MIN.
	Aged	Tensile Strength	UNAGED MIN.70%(136°C x168HRS)
		Elongation	UNAGED MIN.65%(136°C x168HRS)
Deformation Test		MAX.50%(121°C x1HR)	
Heat Shock Test		121°C ×1Hr No Crack	
Cold Bend Test		-10°C ×4Hr No Crack	
Flame Test		VW-1 OK	

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