

CONSTRUCTION TABLE

Number	Size of conductor		Thickness (mm±0.1)	Width	Allowable Error(mm)
	Of Cores	(AWG) Composition ±0.007mm			
02	28	7/0.127MM	0.85MM	2.54MM	±0.15
03	28	7/0.127MM	0.85MM	3.81MM	±0.15
04	28	7/0.127MM	0.85MM	5.08MM	±0.15
05	28	7/0.127MM	0.85MM	6.35MM	±0.20
06	28	7/0.127MM	0.85MM	7.62MM	±0.20
07	28	7/0.127MM	0.85MM	8.89MM	±0.20
08	28	7/0.127MM	0.85MM	10.16MM	±0.20
09	28	7/0.127MM	0.85MM	11.43MM	±0.25
10	28	7/0.127MM	0.85MM	12.70MM	±0.25
11	28	7/0.127MM	0.85MM	13.97MM	±0.25
12	28	7/0.127MM	0.85MM	15.24MM	±0.25
13	28	7/0.127MM	0.85MM	16.51MM	±0.25
14	28	7/0.127MM	0.85MM	17.78MM	±0.25
15	28	7/0.127MM	0.85MM	19.05MM	±0.25
16	28	7/0.127MM	0.85MM	20.32MM	±0.25

UL FLAT RIBBON WIRE

UL Style:2651
 Rated temperature:105°C
 Rated voltage:300Volts
 Passess VW-1 vertical flame test

CABLE PHYSICAL PROPERTISE:

After seven days air oven at 136°C
 Average tensile strength:1500 Ibs/inch²
 Percent of original:70% at least
 Average elongation:200%
 Percent of original:65% at least

CONDUCTOR

AWG size:28AWG
 Nummber of strands in each conductor:
 7/0.127mm Tinned copper
 Lay of strands in each conductor:0.005 inch at least
 Cross section area:156 Circular mil

ELECTRONIC CHARACTERISTICS

Spark test:2500Volts
 Dielectric strength test:Minimum2000Volts in 1 minute
 Conductor resistance:Maximum237Ω/KM
 Insulation resistance: Maximum100MΩ/KM
 Capacity:40pF/M
 Inductance:1.45μH/M

INSULATION

Material of insulation:Polyvinl chloride(PVC)Gray

Insulation thickness average:9mil

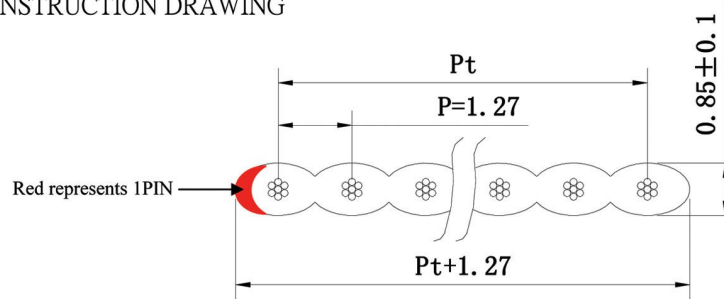
Impedance:100Ω

Minimum insulation thickness:7mil

Propagation delay time:4.2ns/m

CONSTRUCTION DRAWING

Number	Size of conductor		Thickness (mm±0.1)	Width	Allowable Error(mm)
	Of Cores	(AWG) Composition ±0.007mm			
18	28	7/0.127MM	0.85MM	22.86MM	±0.30
20	28	7/0.127MM	0.85MM	25.40MM	±0.30
24	28	7/0.127MM	0.85MM	30.48MM	±0.30
25	28	7/0.127MM	0.85MM	31.75MM	±0.30
26	28	7/0.127MM	0.85MM	33.02MM	±0.30
30	28	7/0.127MM	0.85MM	38.10MM	±0.35
34	28	7/0.127MM	0.85MM	43.18MM	±0.35
37	28	7/0.127MM	0.85MM	46.99MM	±0.35
40	28	7/0.127MM	0.85MM	50.80MM	±0.35
50	28	7/0.127MM	0.85MM	63.50MM	±0.35
60	28	7/0.127MM	0.85MM	76.20MM	±0.40
64	28	7/0.127MM	0.85MM	81.28MM	±0.40



Kpl AWG28-xxG RM1.27

MARKING:

PUYER AWM 2651 28AWG 105°C 300V VW-1 -LF-



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APPD. 核准	SCALE 比例 参考	TOLERANCE 容許公差	PART NAME 品名
DWG. 製圖 Hedy		.0 ± .00 ± ANG. ±	
DATE 制表日 2016/06/20	UNIT 單位 MM	SIZE 紙張尺寸 A4	PART NO. 料號 F0801-XXPXF000R
	PAGE 張數 1 / 1	REV. 版次 A	

