

## 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 113°C

Tensile strength: Unaged  $\geq 10.3\text{MPa}$  After aging  $\geq 70\%$

Elongation: Unaged  $\geq 100\%$  After aging  $\geq 65\%$

## CONDUCTOR

AWG size:28AWG

Number of strands in each conductor:

7/0.127mm Tinned copper

Cross section area: 0.079mm<sup>2</sup>

## ELECTRICAL CHARACTERISTICS

Spark test:2500Volts

Conductor resistance(25°C):Maximum237  $\Omega/\text{KM}$

Insulation resistance(25°C): Maximum100M  $\Omega/\text{KM}$

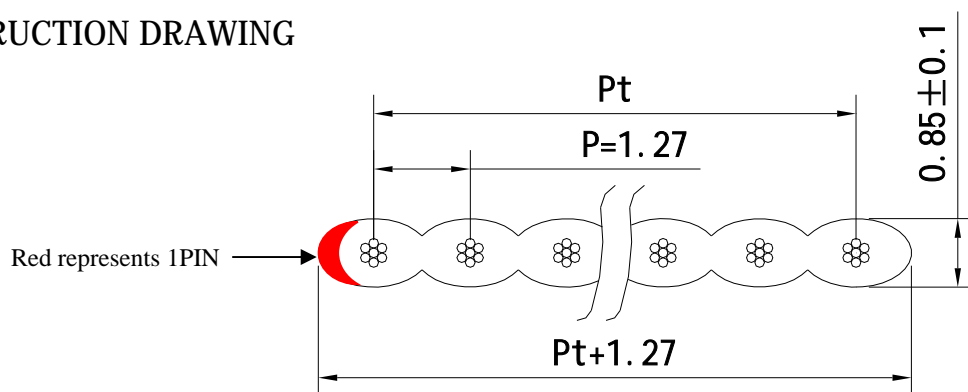
## INSULATION

Material of insulation:Polyvinl chloride(PVC) GRAY

Insulation thickness average: 0.23mm

Minimum insulation thickness: 0.18mm

## CONSTRUCTION DRAWING




## CONSTRUCTION TABLE

Coded No	Number Of Cores	Size of conductor		Thickness ( $\pm 0.1$ mm)	Width	Allowable Error(mm)
		(AWG)	Composition $\pm 0.007\text{mm}$			
P26512802TS-127A	02	28	7/0.127MM	0.85	2.54MM	$\pm 0.15$
P26512803TS-127A	03	28	7/0.127MM	0.85	3.81MM	$\pm 0.15$
The above specifications are no subtitles.						
P26512804TS-127A	04	28	7/0.127MM	0.85	5.08MM	$\pm 0.18$
P26512805TS-127A	05	28	7/0.127MM	0.85	6.35MM	$\pm 0.18$
P26512806TS-127A	06	28	7/0.127MM	0.85	7.62MM	$\pm 0.18$
P26512807TS-127A	07	28	7/0.127MM	0.85	8.89MM	$\pm 0.18$
P26512808TS-127A	08	28	7/0.127MM	0.85	10.16MM	$\pm 0.20$
P26512809TS-127A	09	28	7/0.127MM	0.85	11.43MM	$\pm 0.20$
P26512810TS-127A	10	28	7/0.127MM	0.85	12.70MM	$\pm 0.20$
P26512812TS-127A	12	28	7/0.127MM	0.85	15.24MM	$\pm 0.20$
P26512814TS-127A	14	28	7/0.127MM	0.85	17.78MM	$\pm 0.25$
P26512815TS-127A	15	28	7/0.127MM	0.85	19.05MM	$\pm 0.25$
P26512816TS-127A	16	28	7/0.127MM	0.85	20.32MM	$\pm 0.25$
P26512818TS-127A	18	28	7/0.127MM	0.85	22.86MM	$\pm 0.25$
P26512820TS-127A	20	28	7/0.127MM	0.85	25.40MM	$\pm 0.25$

P26512824TS-127A	24	28	7/0.127MM	0.85	30.48MM	±0.28
P26512825TS-127A	25	28	7/0.127MM	0.85	31.75MM	±0.28
P26512826TS-127A	26	28	7/0.127MM	0.85	33.02MM	±0.28
P26512830TS-127A	30	28	7/0.127MM	0.85	38.10MM	±0.30
P26512834TS-127A	34	28	7/0.127MM	0.85	43.18MM	±0.30
P26512837TS-127A	37	28	7/0.127MM	0.85	46.99MM	±0.35
P26512840TS-127A	40	28	7/0.127MM	0.85	50.80MM	±0.35
P26512844TS-127A	44	28	7/0.127MM	0.85	55.88MM	±0.35
P26512850TS-127A	50	28	7/0.127MM	0.85	63.50MM	±0.35
P26512860TS-127A	60	28	7/0.127MM	0.85	76.20MM	±0.40
P26512864TS-127A	64	28	7/0.127MM	0.85	81.28MM	±0.40

MARKING:

PUYER  AWM 2651 28AWG E350147 105°C 300V VW-1 -LF-