

# JUMPER CABLE

## UL & CSA GRADE:

UL STYLE : 2651  
 Rate temperature : 105°C  
 Rate voltage : 300.V  
 Flame Test : VW-1

## INSULATION:

Material of insulation: polyvinyl chloride (PVC) gray/ivory  
 Insulation thickness average: 9 mil.  
 Min. insulation thickness: 7 mil.

## PHYSICL PROPERTIES: after 7 days air oven at 136°C

Average tensile strength: 1500 lbs/inch<sup>2</sup>.  
 Percent of original: 70% at least.  
 Average elongation: 200%.  
 Percent of original: 65% at least.

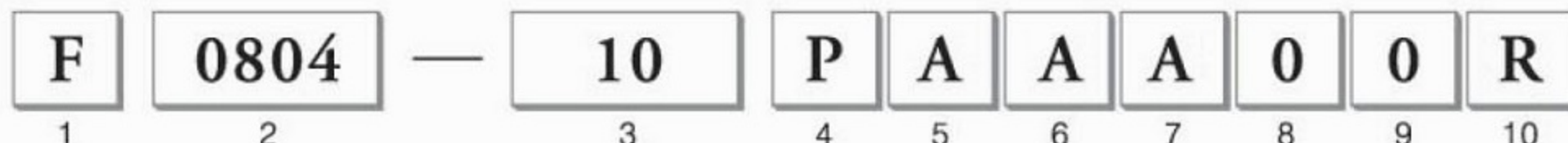
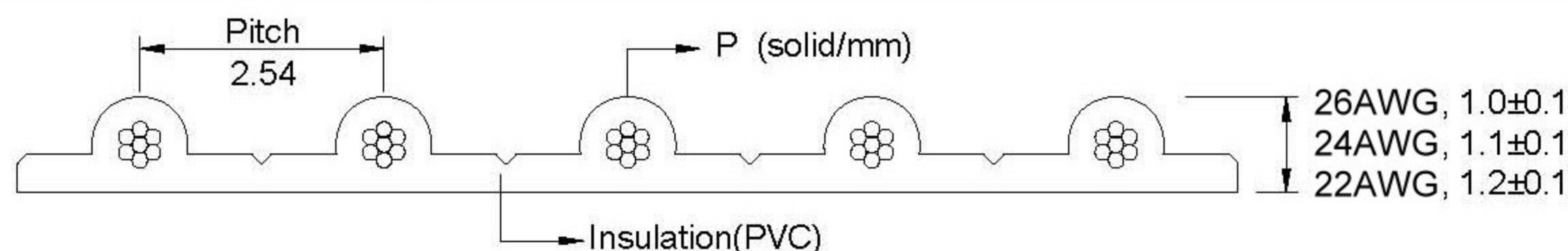
## CONDUCTOR: Solid

AWG	Composition (Solid/mm)	Cross sec. Area. (mil)	Colour	Quantity (pins)
26	7/0.16	253	Gray/Ivory	2~42
24	7/0.203	404	Gray	2~42
22	7/0.254	640	Gray	2~42

## ELECTRONIC CHARACTERISTICS:

Spark Test (V)	Conductor resistance (Ω/km) Max.	Insulation resistance (MΩ) Min.	Capacity (pF/m)	Inductance (μH/m)	Impedance (Ω)	Propagation Delay Time (ns/m)	Dielectric strength test Min. (V/minute)
2500	148	100	24	1.4	90	4.2	2000
2500	93	100	31	1.45	80	4.2	2000
2500	55	200	35	1.45	60	4.2	2000

## CONSTRUCTION DRAWING:



- |   |  |  |   |
|---|--|--|---|
| <p>1. PRODUCTS:<br/>F: Flat Cable</p> <p>2. SERIES NO.:<br/>0804</p> <p>3. CONTACT NO.:<br/>03-28</p> <p>4. INSULATOR MATERIAL:<br/>P: PVC(Grey Color W/Red Edge)<br/>Q: PVC(Grey Color W/O Red Edge)</p> | <p>5. WIRE OPTION:<br/>A: 2.54mm Pitch 26AWG<br/>B: 2.54mm Pitch 24AWG<br/>C: 2.54mm Pitch 22AWG</p> | <p>6. CABLE STYLE (LEFT SIDE):<br/>A: Cut Type</p> <p>7. CABLE STYLE (RIGHT SIDE):<br/>A: Cut Type</p> | <p>8. FILL IT WITH "0"<br/>9. OTHERS:<br/>0: 1Roll=100M<br/>10. R: ROHS</p> |
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RoHS Compliant	<b>HSM</b> 玄茂科技股份有限公司 HSUAN MAO TECHNOLOGY CO., LTD.	
APPD. 核准 HELEN	 TOLERANCE 容許公差 .0 ± 0.1 .00 ± ANG. ±	PART NAME 品名 FLAT CABLE 2.54mm UL2651 XXAWG GREY COLOR XXP 1ROLL=100M ROHS
DWG. 製圖 ABBY		SCALE 比例 參考 UNIT 單位 MM PAGE 張數 1 OF 1
DATE 制表日 2011/03/16	REV. 版本 A	