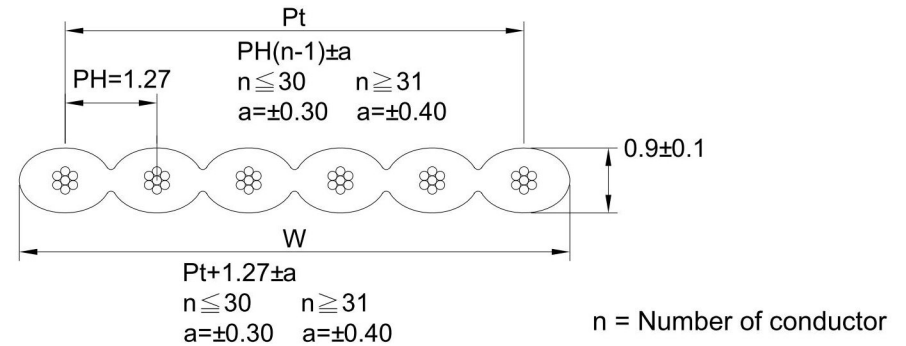


UL GRADE:

UL STYLE : 20029
 Rate temperature : 105°C
 Rate voltage : 300V
 Flame Test : VW-1

CONSTRUCTION DRAWING:**CONDUCTOR:** Stranded

AWG size : 28 AWG.
 Number of strands in each conductor : 7/0.127 mm.
 Lay of strands in each conductor : 0.5 inch at least.
 Cross sec. area : 156 mil.

INSULATION:

Material of insulation: polyvinyl chloride (PVC) ten colors available.
 Extruded PVC insulated singles bonded together.
 Insulation thickness average: 9 mil.
 Min. insulation thickness: 7 mil.

USAGE: Stranded

Internal connection for computer, duplicator, facsimile, game, interface and many other electronic equipments.

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


Average tensile strength: 1500 lbs/inch².
 Percent of original: 70% at least.
 Average elongation: 200%.
 Percent of original: 65% at least.

ELECTRONIC CHARACTERISTICS:

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute.
 Conductor resistance : Max. 237 Ω/km.
 Insulation resistance : Min. 100MΩ.

Capacity : 45pF/m.
 Inductance : 1.5μH/m.
 Impedance: 100Ω.
 Propagation Delay Time : 4.2ns/m

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APPD. 核准 HELEN	SCALE 比例 參考	TOLERANCE 容許公差 .0 ± .00 ± ANG. ±	PART NAME 品名 F0811 Series-Rohs
DWG. 製圖 ABBY			
DATE 制表日 2013/09/24	UNIT 單位 MM	SIZE. 紙張尺寸 A 4	PART NO. 料號
	PAGE 張數 2 / 1	REV. 版次 A	

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A	SAMPLES:		CONSTRUCTION TABLE:																																																																																																																		
B			<table border="1"> <thead> <tr> <th rowspan="2">Code No.</th> <th rowspan="2">Number of cores</th> <th colspan="2">Size of conductor</th> <th rowspan="2">Thickness (mm±0.1)</th> <th rowspan="2">Width (mm)</th> <th rowspan="2">Allowable error</th> </tr> <tr> <th>(AWG)</th> <th>Composition (strands/mm)</th> </tr> </thead> <tbody> <tr><td>10</td><td>10</td><td>28</td><td>7/0.127</td><td>0.9</td><td>12.70</td><td>±0.30</td></tr> <tr><td>14</td><td>14</td><td>28</td><td>7/0.127</td><td>0.9</td><td>17.78</td><td>±0.30</td></tr> <tr><td>15</td><td>15</td><td>28</td><td>7/0.127</td><td>0.9</td><td>19.05</td><td>±0.30</td></tr> <tr><td>16</td><td>16</td><td>28</td><td>7/0.127</td><td>0.9</td><td>20.32</td><td>±0.30</td></tr> <tr><td>20</td><td>20</td><td>28</td><td>7/0.127</td><td>0.9</td><td>25.40</td><td>±0.30</td></tr> <tr><td>25</td><td>25</td><td>28</td><td>7/0.127</td><td>0.9</td><td>31.75</td><td>±0.30</td></tr> <tr><td>26</td><td>26</td><td>28</td><td>7/0.127</td><td>0.9</td><td>33.02</td><td>±0.30</td></tr> <tr><td>30</td><td>30</td><td>28</td><td>7/0.127</td><td>0.9</td><td>38.10</td><td>±0.30</td></tr> <tr><td>34</td><td>34</td><td>28</td><td>7/0.127</td><td>0.9</td><td>43.18</td><td>±0.40</td></tr> <tr><td>36</td><td>36</td><td>28</td><td>7/0.127</td><td>0.9</td><td>45.72</td><td>±0.40</td></tr> <tr><td>40</td><td>40</td><td>28</td><td>7/0.127</td><td>0.9</td><td>50.80</td><td>±0.40</td></tr> <tr><td>50</td><td>50</td><td>28</td><td>7/0.127</td><td>0.9</td><td>63.50</td><td>±0.40</td></tr> <tr><td>60</td><td>60</td><td>28</td><td>7/0.127</td><td>0.9</td><td>76.20</td><td>±0.40</td></tr> <tr><td>64</td><td>64</td><td>28</td><td>7/0.127</td><td>0.9</td><td>81.28</td><td>±0.40</td></tr> </tbody> </table>		Code No.	Number of cores	Size of conductor		Thickness (mm±0.1)	Width (mm)	Allowable error	(AWG)	Composition (strands/mm)	10	10	28	7/0.127	0.9	12.70	±0.30	14	14	28	7/0.127	0.9	17.78	±0.30	15	15	28	7/0.127	0.9	19.05	±0.30	16	16	28	7/0.127	0.9	20.32	±0.30	20	20	28	7/0.127	0.9	25.40	±0.30	25	25	28	7/0.127	0.9	31.75	±0.30	26	26	28	7/0.127	0.9	33.02	±0.30	30	30	28	7/0.127	0.9	38.10	±0.30	34	34	28	7/0.127	0.9	43.18	±0.40	36	36	28	7/0.127	0.9	45.72	±0.40	40	40	28	7/0.127	0.9	50.80	±0.40	50	50	28	7/0.127	0.9	63.50	±0.40	60	60	28	7/0.127	0.9	76.20	±0.40	64	64	28	7/0.127	0.9	81.28	±0.40						
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