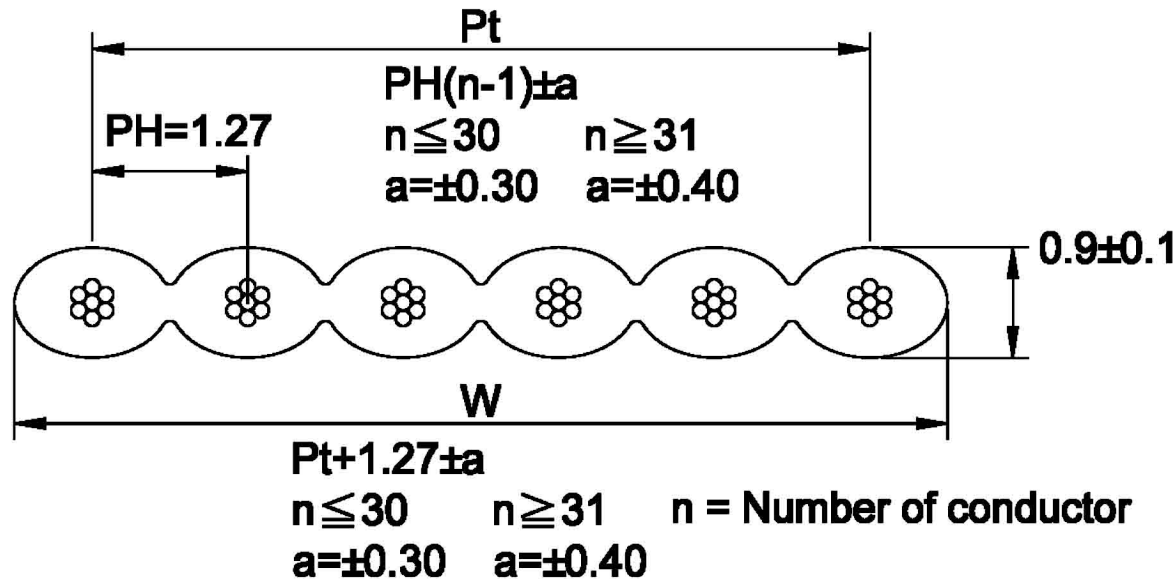


RoHS COMPLIANT

| REV | ECN NO. | DESCRIPTION | DATE       |
|-----|---------|-------------|------------|
| A   |         | RELEASE     | JUN. 01'11 |
|     |         |             |            |
|     |         |             |            |

**UL & CSA GRADE:**

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

CSA STYLE : C22.2 No.210.2  
 Rate temperature : 105°C  
 Rate voltage : 300V  
 Flame Test : FT1, FT2

**CONDUCTOR:**

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.

**ELECTRONIC CHARACTERISTICS:**

Spark test : 2500V  
 Dielectric strength test : Min. 2 KV in 1 minute.  
 Conductor resistance : Max. 237  $\Omega$ /km.  
 Insulation resistance : Min. 100M $\Omega$ .  
 Capacity : 45pF/m.  
 Inductance : 1.5 $\mu$ H/m.  
 Impedance: 100 $\Omega$ .  
 Propagation Delay Time : 4.2ns/m

| Number of cores | Size of conductor |                          | Thickness (mm $\pm 0.1$ ) | Width (mm) | Allowable error |
|-----------------|-------------------|--------------------------|---------------------------|------------|-----------------|
|                 | (AWG)             | Composition (strands/mm) |                           |            |                 |
| 10              | 28                | 7/0.127                  | 0.9                       | 12.70      | $\pm 0.30$      |
| 14              | 28                | 7/0.127                  | 0.9                       | 17.78      | $\pm 0.30$      |
| 15              | 28                | 7/0.127                  | 0.9                       | 19.05      | $\pm 0.30$      |
| 16              | 28                | 7/0.127                  | 0.9                       | 20.32      | $\pm 0.30$      |
| 20              | 28                | 7/0.127                  | 0.9                       | 25.40      | $\pm 0.30$      |
| 25              | 28                | 7/0.127                  | 0.9                       | 31.75      | $\pm 0.30$      |
| 26              | 28                | 7/0.127                  | 0.9                       | 33.02      | $\pm 0.30$      |
| 30              | 28                | 7/0.127                  | 0.9                       | 38.10      | $\pm 0.30$      |
| 34              | 28                | 7/0.127                  | 0.9                       | 43.18      | $\pm 0.40$      |
| 36              | 28                | 7/0.127                  | 0.9                       | 45.72      | $\pm 0.40$      |
| 40              | 28                | 7/0.127                  | 0.9                       | 50.80      | $\pm 0.40$      |
| 50              | 28                | 7/0.127                  | 0.9                       | 63.50      | $\pm 0.40$      |
| 60              | 28                | 7/0.127                  | 0.9                       | 76.20      | $\pm 0.40$      |
| 64              | 28                | 7/0.127                  | 0.9                       | 81.28      | $\pm 0.40$      |

TOLERANCE UNLESS OTHERWISE SPECIFIED

| LINEAR     |   | ANGLE        |  |
|------------|---|--------------|--|
| X. $\pm$   |   | X° $\pm$     |  |
| .X $\pm$   |   | .X° $\pm$    |  |
| .XX $\pm$  |   | .XX° $\pm$   |  |
| .XXX $\pm$ |   | .XXX° $\pm$  |  |
| APPD       |   |              |  |
| CHKD       |   |              |  |
| DRAW       | Z | JUN. 01'2011 |  |

PROJECTION

UNITS

MM

SCALE

SIZE

A4



GOLD-TEK ELECTRIC CO., LTD.

TITLE  
 1.27mm Ribbon Flat  
 Cable, Color: Rainbow

CPART NO.

PART NO.  
**CAWG28\*\*D1000**

CAD NO. I626

F:\PDF\FC-A\FC-A0277

SHEET

1 OF 1

圖面編號:GTKSD0027-A(1)