

# CnC Tech, LLC

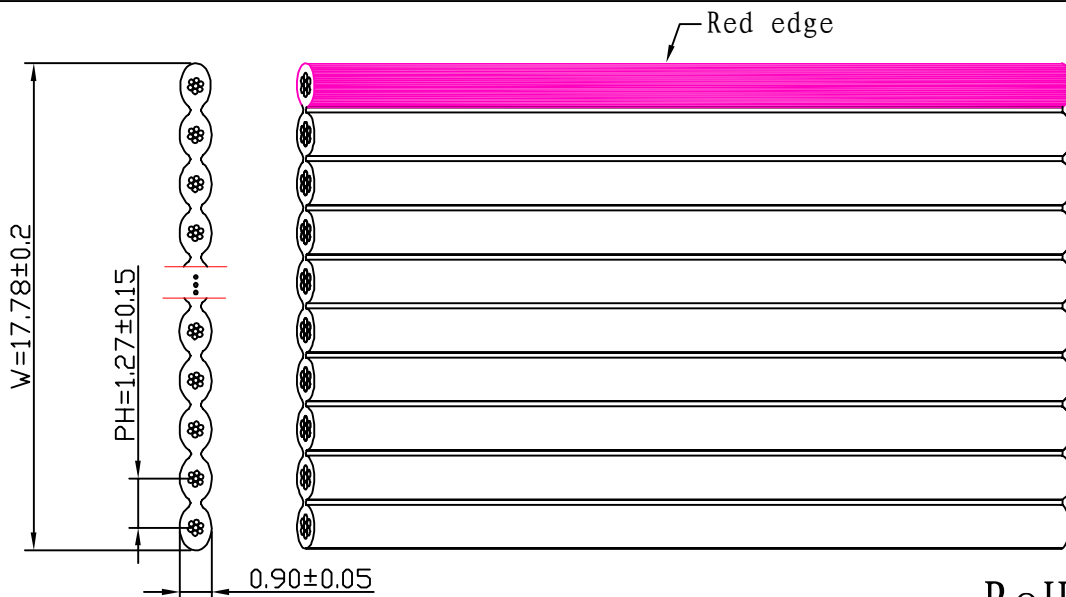
|        |   |           |                    |
|--------|---|-----------|--------------------|
| STYLE: | PVC INSULATED 105° C 300V FLAT RIBBON CABLE | DATE:     | 2018-11-06         |
| SIZE:  | UL2651 28AWG 7/0.12TS CONDUCTOR             | REV:      | A0                 |
| ITEM:  | HP-14P-28#-7/0.12TS-1.27                    | Part No.: | 302-28-14-GR-0250F |

STANDARD :                   UL758 UL1581 C22.2  
 APPLICATION :               INTERNAL WIRING OF APPLIANCES AND ELECTRONIC EQUIPMENT

|                   |                      |   |         |                     |           |
|-------------------|----------------------|---|---------|---------------------|-----------|
| CONDUCTOR         | SIZE                 | 28AWG   |         |                     |           |
|                   | CONSTRUCTION         | 7/0.12 ± 0.005mmTS  |         |                     |           |
|                   | MATERIAL             | TINNED COPPER CONDUCTOR   |         |                     |           |
|                   | CONDUCTOR DIAMETER   | 0.36mm  |         |                     |           |
| INSULATION        | MINIMUM THICKNESS    | 0.18mm  |         |                     |           |
|                   | AVERAGE THICKNESS    | 0.26mm  |         |                     |           |
|                   | COLOR                | GRAY  |         |                     |           |
| JACKET            | DIAMETER             | 0.90 ± 0.05mm   |         |                     |           |
|                   | MATERIAL             | -20~105° C PVC  |         |                     |           |
|                   | PITCH                | 1.27 ± 0.15mm   |         |                     |           |
|                   | MARKING              | AWM 2651 28AWG 105° C 300V VW-1 E332441<br>YA0BO  AWM I A 105° C 300V FT1 |         |                     |           |
| ELECTRIC FUNCTION | RATE VOLTAGE/CURRENT | 300V  |         |                     |           |
|                   | VOLTAGE-WITHSTAND    | 2500 V/ONE MINUTE   |         |                     |           |
|                   | FLAMMABILITY RATING  | USA: UL Horizontal Canada: FT1  |         |                     |           |
|                   | COND. RESISTANCE     | MAX: 237Ω /KM    20° C  |         |                     |           |
|                   | INSU. RESISTANCE     | MIN: 0.75MΩ /KM    20° C  |         |                     |           |
|                   | TENSILE STRENGTH     | Before aging testing  | 1500PSI | After aging testing | PSI ≥ 75% |
|                   | ELONGATION           | 100%  |         | ≥ 65%               |           |

FLAT /WIRE CABLE

UNIT: mm



RoHS

|           |     |             |              |
|-----------|-----|-------------|--------------|
| DRAWN BY: | MAY | CHECKED BY: | APPROVED BY: |
|-----------|-----|-------------|--------------|