

# CnC Tech , LLC

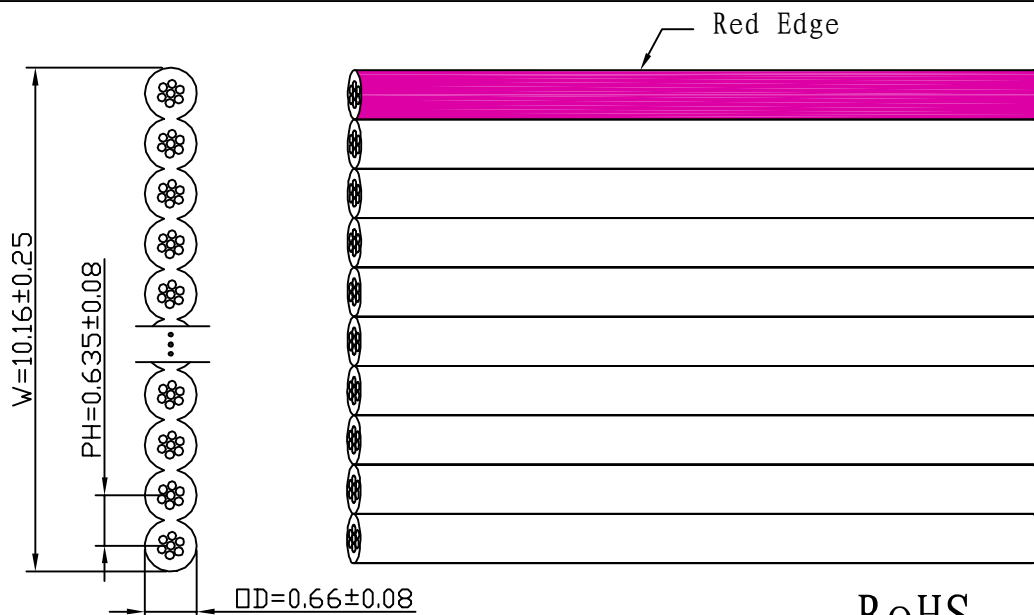
|        |                                             |           |                    |
|--------|---------------------------------------------|-----------|--------------------|
| STYLE: | PVC INSULATED 105° C 150V FLAT RIBBON CABLE | DATE:     | 2018-11-06         |
| SIZE:  | UL2678 30AWG 7/0.1TS CONDUCTOR              | REV:      | A0                 |
| ITEM:  | HP-16P-30#-7/0.1TS-0.635                    | Part No.: | 300-30-16-GR-0100F |

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

|                   |                      |                                                                            |         |                     |           |
|-------------------|----------------------|----------------------------------------------------------------------------|---------|---------------------|-----------|
| CONDUCTOR         | SIZE                 | 30AWG                                                                      |         |                     |           |
|                   | CONSTRUCTION         | 7/0.10 ± 0.005mmTS                                                         |         |                     |           |
|                   | MATERIAL             | TINNED COPPER CONDUCTOR                                                    |         |                     |           |
|                   | CONDUCTOR DIAMETER   | 0.3mm                                                                      |         |                     |           |
| INSULATION        | MINIMUM THICKNESS    | 0.15mm                                                                     |         |                     |           |
|                   | AVERAGE THICKNESS    | 0.18mm                                                                     |         |                     |           |
|                   | COLOR                | GRAY                                                                       |         |                     |           |
| JACKET            | DIAMETER             | 0.66 ± 0.08mm                                                              |         |                     |           |
|                   | MATERIAL             | -20~105° C PVC                                                             |         |                     |           |
|                   | PITCH                | 0.635 ± 0.08mm                                                             |         |                     |           |
|                   | MARKING              | AWM 2678 30AWG 105° C 150V VW-1 E332441<br>YAOBO C AWM I A 105° C 150V FT1 |         |                     |           |
| ELECTRIC FUNCTION | RATE VOLTAGE/CURRENT | 150V                                                                       |         |                     |           |
|                   | VOLTAGE-WITHSTAND    | 1500 V/ONE MINUTE                                                          |         |                     |           |
|                   | FLAMMABILITY RATING  | USA:UL Horizontal Canada:FT1                                               |         |                     |           |
|                   | COND. RESISTANCE     | MAX: 337Ω /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: |  |
|-----------|-----|-------------|--|--------------|--|