

# HSF

## NOTES:

### 1. MATERIAL:

1.1 HOUSING: PA66 (UL94V-0) 

1.2 COVER: PA66 (UL94V-0) 

1.3 TERMINAL: BRASS

MATTE TIN PLATED OVER NICKEL

### 2. ELECTRICAL:

2.1 CURRENT RATING: 8 A

2.2 VOLTAGE RATING: 300 V

2.3 CONTACT RESISTANCE: 8 mΩ MAX.

2.4 DIELECTRIC WITHSTANDING VOLTAGE: 2000V AC

2.5 INSULATION RESISTANCE: 1000 MΩ MIN

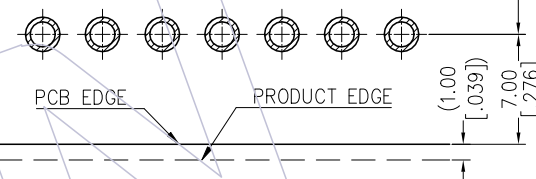
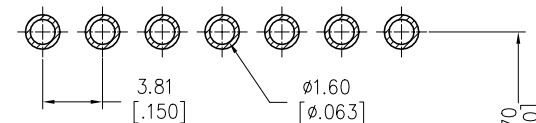
### 3. ENVIRONMENTAL:

3.1 OPERATION TEMPERATURE: -40°C TO +105°C

4. No. OF POSITIONS: 2~20

5. ALL MATERIALS SHOULD BE COMPLIANT TO ROHS

## Recommended P.C.B Layout(Top Side) (PCB BOARD TOLERANCE ±0.05)



## Ordering Information:

**P M 381 - 3 R XX X SM 1 N**

M=Male

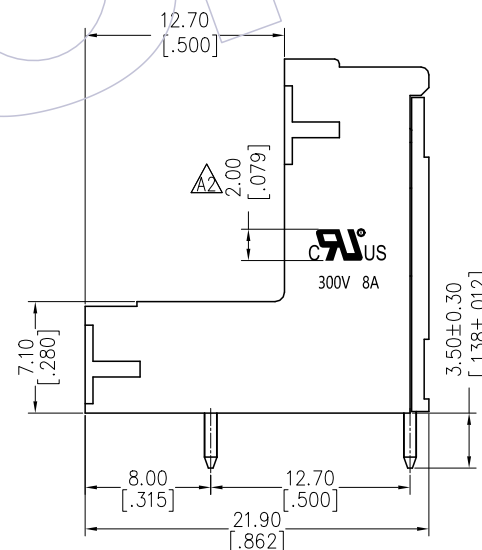
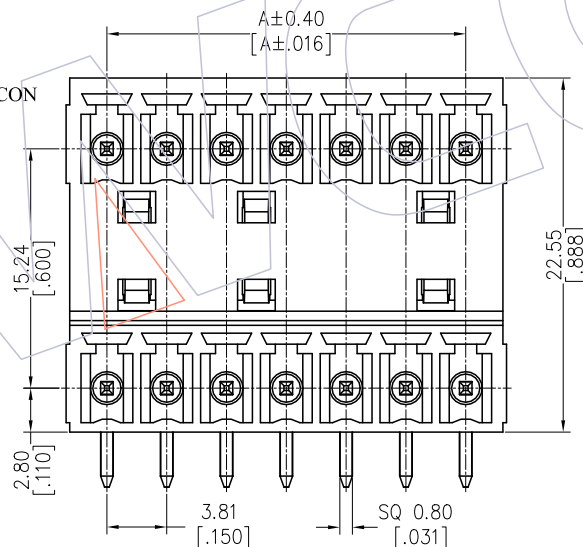
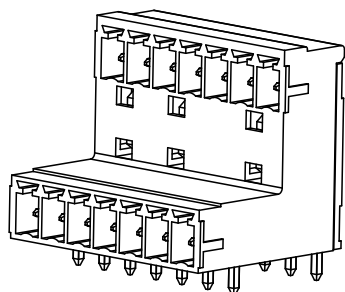
Pitch  
381=3.81

No. of Pins  
(Per Row)  
02-20P

Contact Plated  
SM=Matte Tin  
Color  
A=Green

Series No.

N=W/O WCON



| PIN | DIM.A | DIM.B |
|-----|-------|-------|
| 02  | 3.81  | 9.01  |
| 03  | 7.62  | 12.82 |
| 04  | 11.43 | 16.63 |
| 05  | 15.24 | 20.44 |
| 06  | 19.05 | 24.25 |
| 07  | 22.86 | 28.06 |
| 08  | 26.67 | 31.87 |
| 09  | 30.48 | 35.68 |
| 10  | 34.29 | 39.49 |
| 11  | 38.10 | 43.30 |
| 12  | 41.91 | 47.11 |
| 13  | 45.72 | 50.92 |
| 14  | 49.53 | 54.73 |
| 15  | 53.34 | 58.54 |
| 16  | 57.15 | 62.35 |
| 17  | 60.96 | 66.16 |
| 18  | 64.77 | 69.97 |
| 19  | 68.58 | 73.78 |
| 20  | 72.39 | 77.59 |

|     |            |                                       |                                                                                     |                  |         |            |       |                                                                                       |                           |
|-----|------------|---------------------------------------|-------------------------------------------------------------------------------------|------------------|---------|------------|-------|---------------------------------------------------------------------------------------|---------------------------|
| A3  | 2021/08/24 | Change Material                       | PAN                                                                                 | OPERATION        | DRAW    | DATE       | SCALE | FIT                                                                                   | PART NO.                  |
| A2  | 2020/11/19 | ADD UL LOGO                           | XSR                                                                                 | X.X ±0.40        | PAN     | 2021/08/24 | UNIT  | mm                                                                                    | PM381-3RXXSM1N            |
| A1  | 2013/06/05 | Modify The Housing and Cover Material |  | X.XX ±0.25       | CHECK   | DATE       | SIZE  | A4                                                                                    | TITLE: 3.81mm Pitch Male  |
| A0  | 2013/01/30 | NEW                                   | —                                                                                   | X.XXX ±0.15      | APPROVE | DATE       | SHEET | 1/1                                                                                   | Pluggable Terminal Blocks |
| REV | DATE       | MODIFICATION DESCRIPTION              | CHANGE                                                                              | Angle<br>DIM TOL |         |            | PROJ. |  | Customer NO.              |

# WCON

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