



| General Tolerances |       |              |               |               |                |                 |                |                |                 |      |
|--------------------|-------|--------------|---------------|---------------|----------------|-----------------|----------------|----------------|-----------------|------|
| variable range     | to 6  | over 6 to 10 | over 10 to 30 | over 30 to 60 | over 60 to 100 | over 100 to 160 | over 160 to 10 | over 10 to 100 | over 100 to 100 |      |
| Tolerance          | ±0.20 | ±0.30        | ±0.50         | ±0.70         | ±1.00          | ±1.30           | ±1.60          | 0.10           | 0.30            | 0.60 |

| UL/CUL Technical Data     |                    | cRU <sup>®</sup> us |           |     |
|---------------------------|--------------------|---------------------|-----------|-----|
| Use Group                 |                    | B                   | C         | D   |
| Rated Voltage             | [V]                | 300                 | -         | 300 |
| Rated Current             | [A]                | 10                  | -         | 10  |
| Wire Range                |                    | 28-12               |           |     |
| Solid/Stranded            | [AWG]              | 28-12               |           |     |
| Withstanding Voltage      |                    | 1600V/1Min          |           |     |
| IEC Technical Data        |                    | IEC61984            |           |     |
| Overtoltage Category      |                    | III                 | III       | II  |
| Contamination Class       |                    | 3                   | 2         | 2   |
| Rated Voltage             | [V]                | 250                 | 320       | 630 |
| Rated Current             | [A]                | 12                  | 12        | 12  |
| Impulse withstand voltage | [kV]               | 4.0                 | 4.0       | 4.0 |
| Conductor cross section   |                    | 0.2-2.5             |           |     |
| Solid/flexible            | [mm <sup>2</sup> ] | 0.2-2.5             |           |     |
| Other Data                |                    |                     |           |     |
| Pitch / Poles             | [mm] / [P]         | 5.0 / 02-24         |           |     |
| Stripping Length          | [mm]               | 8-9                 |           |     |
| Operating temperature     |                    | -40-105             |           |     |
| RoHS                      |                    |                     |           |     |
| 5                         | Button             | POM                 | UL94-HB   |     |
| 4                         | Clamp              | Copper Alloy        | Sn Plated |     |
| 3                         | Spring             | Stainless steel     |           |     |
| 2                         | Cover              | PA66                | UL94V0    |     |
| 1                         | Housing            | PA66                | UL94V0    |     |
| ITEM                      | NAME OF PART       | MATERIAL            | NOTES     |     |

|   |               |   |  |
|---|---------------|---|--|
| TOLERANCE   |               |  |  |
| SCALE   | UNIT mm       |   |  |
| DRAW Walter   | DATE 3.5.2024 | <b>TITLE</b><br><b>SM C09 05041 XX COC</b>  |  |
| CHECK Breeze  | REV           |   |  |
|  |               | <b>DESCRIPTION</b><br>Block Terminal Block<br>Pitch 5,00mm, Spring                    |  |