



Technical data

- 1.Nominal voltage: 300V/20A
- PITCH: 8.25mm
- 2.Connection capacity:  
AWG 22-12
3. Insulation Withstands Voltage:  
AC 2500V/MIN
4. Insulation Resistance:  
1000M $\Omega$  or more at DC500V
5. Tightening torque:  
10.15kgf.cm (8.8 Lb-In / 1.0N.m)
6. Screw thread: M3
7. Using temperature range: -40C $^{\circ}$ -115C $^{\circ}$   
Soldering temperature: 250 $\pm$ 10C $^{\circ}$ /5s
8. Undimentioned Tolerances:

|                 | Dim B      | Dim L      |
|-----------------|------------|------------|
| 0-30mm          | $\pm 0.15$ | $\pm 0.20$ |
| over 30mm-60mm  | $\pm 0.20$ | $\pm 0.30$ |
| over 60mm-90mm  | $\pm 0.25$ | $\pm 0.40$ |
| over 90mm-180mm | $\pm 0.30$ | $\pm 0.50$ |
| over 180mm      | $\pm 0.50$ | $\pm 0.80$ |

9. Safety approval:
10. RoHS Compliance
11. Critical dimension:

ZDAB825 xx x xxx

- ① Poles 02-20
- ② Color
- ③ 0 Black
- ④ Custom
- 000 "K" logo 00K KUNACON logo

| ITEM | NAME OF PART | MATERIAL     | NOTES              | QTY |
|------|--------------|--------------|--------------------|-----|
| 3    | SCREW+WASHER | STEEL        | M3x0.5, Ni Plated  | P   |
| 2    | CONTACT      | BRASS        | M3x0.5, Tin PLATED | P   |
| 1    | BODY         | PA66 UL94V-0 | Black              | 1   |

| DWG  | WF. Zhang | DATE | 2016.06.23 | UNITS:    | MM                     | SHEET: | 1 OF 1 | Tolerance       |
|------|-----------|------|------------|-----------|------------------------|--------|--------|-----------------|
| CHK. | WF. Zhang | DATE | 2017.07.23 | SCALE:    | NONE 2:1 (.)           | REV.:  | A      | $\pm 0.50$      |
| APP. | WF. Zhang | DATE | 2017.07.23 | TITLE:    | ZD-AB825 Series        |        |        | $\pm 0.30$      |
|      |           |      |            |           | Barrier Terminal block |        |        | $\pm 0.10$      |
|      |           |      |            | PART NO.: | ZDAB825xxxxxx          |        |        | $\pm 1^{\circ}$ |
|      |           |      |            | DWG NO.:  | ZD-A825-B101           |        |        |                 |

| SIGN | DESCRIPTION | CHK. | DATE |
|------|-------------|------|------|
|      |             |      |      |

| KUNA Contact Technology Co. Ltd                             |  |
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