



SPECIFICATIONS:

- Current rating: 4A AC, DC
- Voltage rating: 250V AC, DC
- Temperature range: $-40^{\circ}\text{C} \sim +130^{\circ}\text{C}$
- Contact resistance: $3.0\text{m}\Omega$ Max.
- Insulation resistance: $5000\text{M}\Omega$ Min.
- Withstanding Voltage: 2200V AC/minute
- Contact: 0.64mm square $\times 14.50\text{mm}$ Length
- Material: HSG: Nylon66 UL94V-0
TER: Brass, Tin plated
- HSG and PIN solid needle bearing: 2.0kg(min)
- Solder Resistance: Dip connector terminal tails in solder : Solder duration: 4 ± 0.5 Seconds; Solder temperature: $245^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$

| Part NO | A | B | Part NO | A | B |
|---------|-------|-------|---------|-------|-------|
| 2 | 5.08 | 2.54 | 10 | 25.40 | 22.86 |
| 3 | 7.62 | 5.08 | 11 | 27.94 | 25.40 |
| 4 | 10.16 | 7.62 | 12 | 30.48 | 27.94 |
| 5 | 12.70 | 10.16 | 13 | 33.02 | 30.48 |
| 6 | 15.24 | 12.70 | 14 | 35.56 | 33.02 |
| 7 | 17.78 | 15.24 | 15 | 38.10 | 35.56 |
| 8 | 20.32 | 17.78 | 16 | 40.64 | 38.10 |
| 9 | 22.86 | 20.32 | | | |

| | | | | | | | | | | | |
|-----|--------------|--|--|----------------------------|------------|-------|-------------------|---|--------------|-------------------------------|------|
| | | | | TOLERANCE UNLESS OTHERWISE | | DRAWN | CK tan | XFCN兴飞连接器有限公司 CONNECTORS XFCN CONNECTORS CO., LTD. | | SHEET | 1/1 |
| | | | | X. | ± 0.30 | X° | $\pm 5^{\circ}$ | | | CHKD | DATE |
| | | | | .X | ± 0.20 | .X° | $\pm 2^{\circ}$ | APPD | PRODUCT NAME | 2.54mm Crimp Style Connectors | |
| | | | | .XX | ± 0.08 | .XX° | $\pm 1^{\circ}$ | VIEW | PART. NO. | M2545V-XX | |
| | | | | .XXX | ± 0.03 | .XXX° | $\pm 0.5^{\circ}$ | | | UNITS | mm |
| A0 | MODIFICATION | | | DRAW | DATE | | | | SCALE | 1:1 | |
| VER | | | | | | | | | DWG NO. | 009 | |

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