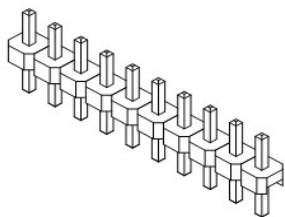


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Specifications

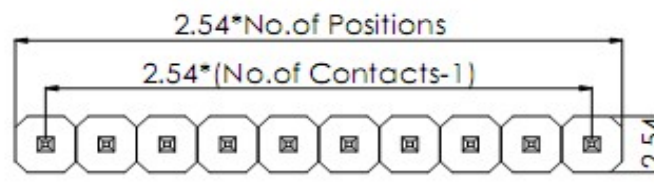
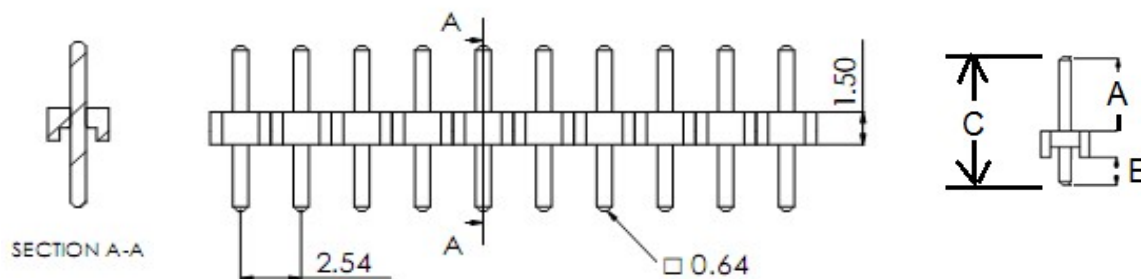
| | |
|--------------------------|--|
| Current Rating: | 3 Ampere |
| Insulator Resistance: | 5000 Megaohm min. |
| Dielectric Withstanding: | AC 1000V |
| Operating Temperature: | .-40°C to +105°C |
| Contact Material: | Copper, Alloy |
| Insulator Material: | Polyester, UL 94V-0 |
| Standard: | P.B.T. |
| Contact Plating: | Tin, Gold or Selective Plated |
| Standard: | Gold Flash Overall |
| Selectiv Plating: | Gold flash plated on contact area / tin plated on solder area |
| Max. Processing Temp. | 230°C for 60 seconds |

P.C.B Layout



Drawing (dimensions all into mm)

thickness of plastic body 1,50mm



Tolerances unless otherwise specified (mm)

| X= | X.X= | X.XX= | X.XXX= | Angle= |
|--------|-----------|-----------|--------|------------|
| ±0,35 | ±0,25 | ±0,20 | ±0,15 | ±5° |
| Wilson | TOLERANCE | Mason | DATE | 03.03.2023 |
| Jamy | | Sheet No. | | 1 from 4 |

PIN Header / Single Row / Single Body / Pitch 2,54mm

Part No.: **T51A1030-**

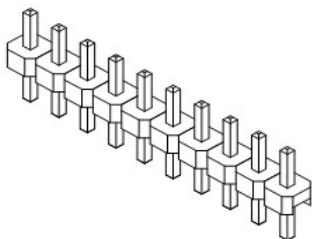
Customer:

| | | | | |
|-------|--------|------|--------|--------|
| DRW: | Jason | CHKD | Wilson | MATL: |
| APPD: | Schumi | | | FINISH |

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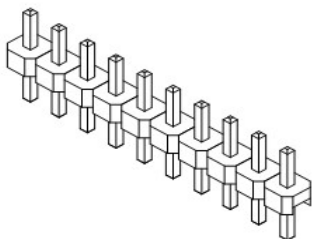


Pin Code length table free configuration

| Order | Dimension (mm) | | | Order | Dimension (mm) | | | Order | Dimension (mm) | | | Order | Dimension (mm) | | | Order | Dimension (mm) | | |
|-------|----------------|------|-------|-------|----------------|------|-------|---------|----------------|------|-------|------------|----------------|------|-------|----------|----------------|---|----|
| Code | A | B | TL | Code | A | B | TL | Code | A | B | TL | Code | A | B | TL | Code | A | B | TL |
| A01 | 3,00 | 3,00 | 7,50 | A28 | 15,00 | 3,00 | 19,50 | A55 | 2,50 | 2,50 | 6,50 | A82 | 16,00 | 2,50 | 20,00 | B10 | | | |
| A02 | 4,34 | 2,67 | 8,51 | A29 | 15,50 | 3,00 | 20,00 | A56 | 3,00 | 2,50 | 7,00 | A83 | 16,50 | 2,50 | 20,50 | B11 | | | |
| A03 | 6,00 | 3,00 | 10,50 | A30 | 16,00 | 3,00 | 20,50 | A57 | 3,50 | 2,50 | 7,50 | A84 | 17,00 | 2,50 | 21,00 | B12 | | | |
| A04 | 4,00 | 2,60 | 8,10 | A31 | 16,50 | 3,00 | 21,00 | A58 | 4,00 | 2,50 | 8,00 | A85 | 17,50 | 2,50 | 21,50 | B13 | | | |
| A05 | 3,50 | 3,00 | 8,00 | A32 | 17,00 | 3,00 | 21,50 | A59 | 4,50 | 2,50 | 8,50 | A86 | 18,00 | 2,50 | 22,00 | B14 | | | |
| A06 | 4,00 | 3,00 | 8,50 | A33 | 17,50 | 3,00 | 22,00 | A60 | 5,00 | 2,50 | 9,00 | A87 | 18,50 | 2,50 | 22,50 | B15 | | | |
| A07 | 4,50 | 3,00 | 9,00 | A34 | 18,00 | 3,00 | 22,50 | A61 | 5,50 | 2,50 | 9,50 | A88 | 19,00 | 2,50 | 23,00 | B16 | | | |
| A08 | 5,00 | 3,00 | 9,50 | A35 | 18,50 | 3,00 | 23,00 | A62 | 6,00 | 2,50 | 10,00 | A89 | 19,50 | 2,50 | 23,50 | B17 | | | |
| A09 | 5,50 | 3,00 | 10,00 | A36 | 19,00 | 3,00 | 23,50 | A63 | 6,50 | 2,50 | 10,50 | A90 | 20,00 | 2,50 | 24,00 | B18 | | | |
| A10 | 6,00 | 3,00 | 10,50 | A37 | 19,50 | 3,00 | 24,00 | A64 | 7,00 | 2,50 | 11,00 | A91 | 20,50 | 2,50 | 24,50 | B19 | | | |
| A11 | 6,50 | 3,00 | 11,00 | A38 | 20,00 | 3,00 | 24,50 | A65 | 7,50 | 2,50 | 11,50 | A92 | 21,00 | 2,50 | 25,00 | B20 | | | |
| A12 | 7,00 | 3,00 | 11,50 | A39 | 20,50 | 3,00 | 25,00 | A66 | 8,00 | 2,50 | 12,00 | A93 | 21,50 | 2,50 | 25,50 | B21 | | | |
| A13 | 7,50 | 3,00 | 12,00 | A40 | 21,00 | 3,00 | 25,50 | A67 | 8,50 | 2,50 | 12,50 | A94 | 22,00 | 2,50 | 26,00 | B22 | | | |
| A14 | 8,00 | 3,00 | 12,50 | A41 | 21,50 | 3,00 | 26,00 | A68 | 9,00 | 2,50 | 13,00 | A95 | 22,50 | 2,50 | 26,50 | B23 | | | |
| A15 | 8,50 | 3,00 | 13,00 | A42 | 22,00 | 3,00 | 26,50 | A69 | 9,50 | 2,50 | 13,50 | A96 | 23,00 | 2,50 | 27,00 | B24 | | | |
| A16 | 9,00 | 3,00 | 13,50 | A43 | 22,50 | 3,00 | 27,00 | A70 | 10,00 | 2,50 | 14,00 | A97 | 23,50 | 2,50 | 27,50 | B25 | | | |
| A17 | 9,50 | 3,00 | 14,00 | A44 | 23,00 | 3,00 | 27,50 | A71 | 10,50 | 2,50 | 14,50 | A98 | 24,00 | 2,50 | 28,00 | B26 | | | |
| A18 | 10,00 | 3,00 | 14,50 | A45 | 23,50 | 3,00 | 28,00 | A72 | 11,00 | 2,50 | 15,00 | A99 | 24,50 | 2,50 | 28,50 | B27 | | | |
| A19 | 10,50 | 3,00 | 15,00 | A46 | 24,00 | 3,00 | 28,50 | A73 | 11,50 | 2,50 | 15,50 | B01 | 25,00 | 2,50 | 29,00 | B28 | | | |
| A20 | 11,00 | 3,00 | 15,50 | A47 | 24,50 | 3,00 | 29,00 | A74 | 12,00 | 2,50 | 16,00 | B02 | 25,50 | 2,50 | 29,50 | B29 | | | |
| A21 | 11,50 | 3,00 | 16,00 | A48 | 25,00 | 3,00 | 29,50 | A75 | 12,50 | 2,50 | 16,50 | B03 | 26,00 | 2,50 | 30,00 | B30 | | | |
| A22 | 12,00 | 3,00 | 16,50 | A49 | 25,50 | 3,00 | 30,00 | A76 | 13,00 | 2,50 | 17,00 | B04 | 26,50 | 2,50 | 30,50 | B31 | | | |
| A23 | 12,50 | 3,00 | 17,00 | A50 | 26,00 | 3,00 | 30,50 | A77 | 13,50 | 2,50 | 17,50 | B05 | 27,00 | 2,50 | 31,00 | | | | |
| A24 | 13,00 | 3,00 | 17,50 | A51 | 26,50 | 3,00 | 31,00 | A78 | 14,00 | 2,50 | 18,00 | B06 | 27,50 | 2,50 | 31,50 | | | | |
| A25 | 13,50 | 3,00 | 18,00 | A52 | 27,00 | 3,00 | 31,50 | A79 | 14,50 | 2,50 | 18,50 | B07 | 28,00 | 2,50 | 32,00 | | | | |
| A26 | 14,00 | 3,00 | 18,50 | A53 | 27,50 | 3,00 | 32,00 | A80 | 15,00 | 2,50 | 19,00 | B08 | | | | | | | |
| A27 | 14,50 | 3,00 | 19,00 | A54 | 28,00 | 3,00 | 32,50 | A81 | 15,50 | 2,50 | 19,50 | B09 | | | | | | | |
| DRW: | Jason | | | CHKD: | Wilson | | | MATL: | Wilson | | | TOLERANCE: | Mason | | | DATE: | 03.03.2023 | | |
| APPD: | Schumi | | | | | | | FINISH: | Jamy | | | | Sheet No. | | | 2 from 4 | | | |

PIN Header / Single Row / Single Body / Pitch 2,54mm
 Part No.: **T51A1030-**
 Customer:

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Ordering Informations

| Serie | No. of Pos. | Construction | Contact Plating | Material | Polarisation Peg | Pin Length Code | ROHS | Packing | | |
|------------------|-------------|--------------|-----------------|-----------|------------------|-----------------|----------|-----------|--|--|
| T51A1030- | XX | ST | G0 | PB | N | Axx | R | BU | | |

| | | | | | | | |
|---|------------------------------|-----------------------------------|-----------------------------|---------------|-------------------|--|-----------------------------|
| XX = total pin of header | ST = Straight THT | G0 = Gold Flash (Standard) | PB =P.B.T (Standard) | N = No | look table page 2 | N =NO ROHS conform | BU = Bulk (Standard) |
| T0 = Tin plated | GA = 10µ Gold Plating | PY = Polyester UL94V-0 | R =ROHS conform | | | TU = Tube w/o Cap | |
| GB = 15µ Gold Plating | GC = 20µ Gold Plating | NY = Nylon-6T | | | | TC = Tube w. pic and Place Cap | |
| S0 = Selectiv Plating Gold Flash / Tin | | | | | | TY = Tray packing w/o Cap | |
| TN = Tin Plated | | | | | | TR = Tape/Reel w. pic and Place Cap | |

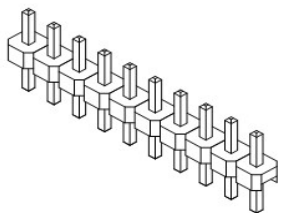
| |
|--|
| PIN Header / Single Row / Single Body / Pitch 2,54mm |
| Part No.: T51A1030- |
| Customer: |

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 03.03.2023 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | | 3 from 4 |

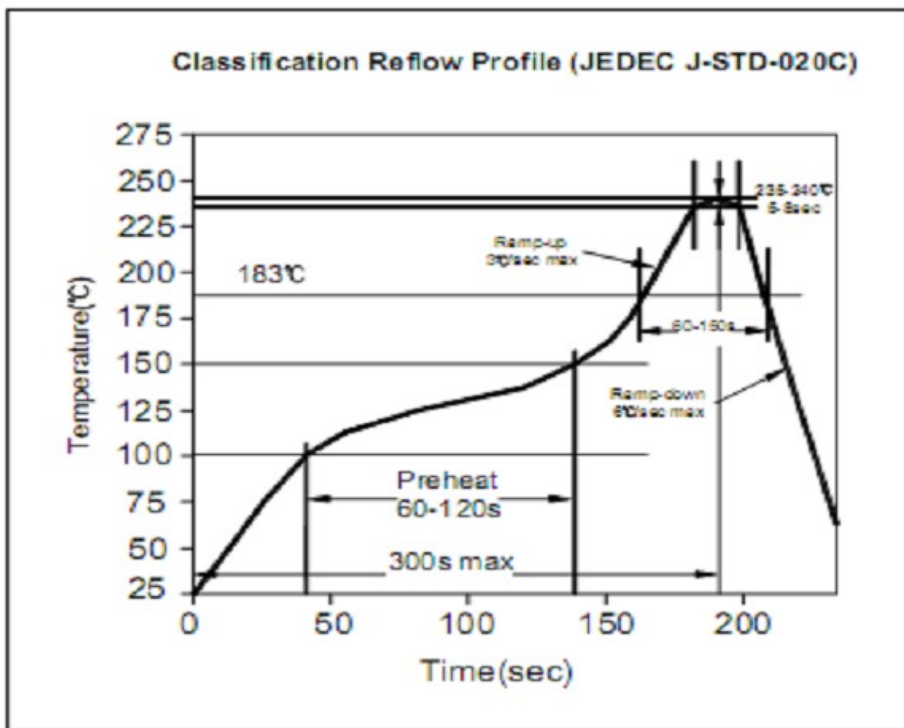
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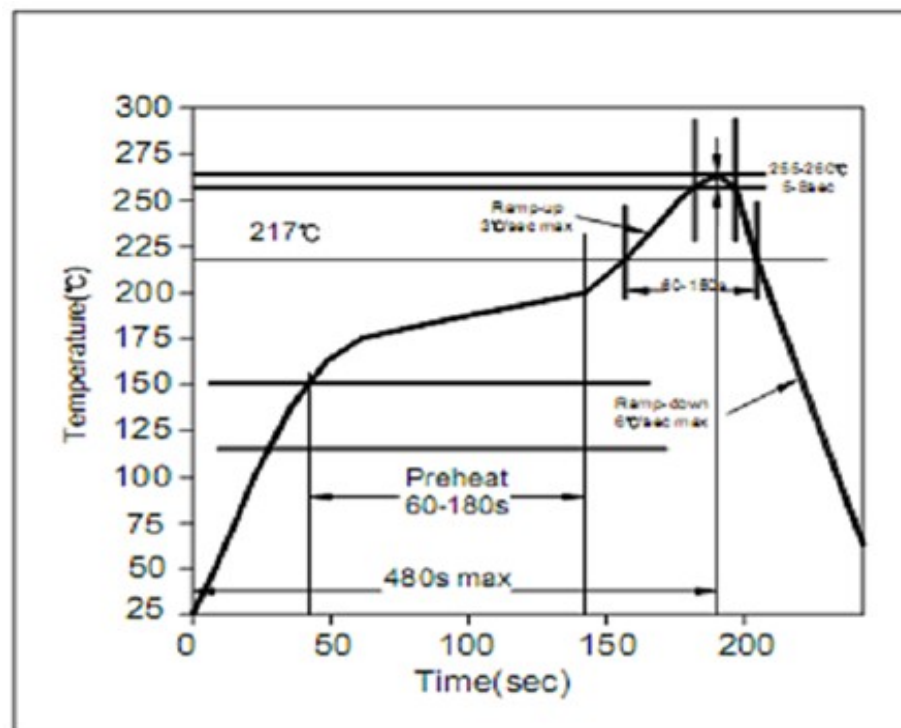
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Soldering Profile for Lead Soldering (P.B.T.)



Wave + Reflow Soldering Profile for Lead Free Soldering (Nylon 6T)



PIN Header / Single Row / Single Body / Pitch 2,54mm

Part No.: **T51A1030-**

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 03.03.2023 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 4 from 4 | Customer: |

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