



DATA SHEET

DIN 41617 Connector Male Type

Serie: T22002

DIN 41617 Connector Male Type

Serie No.: **T22002**

Customer:

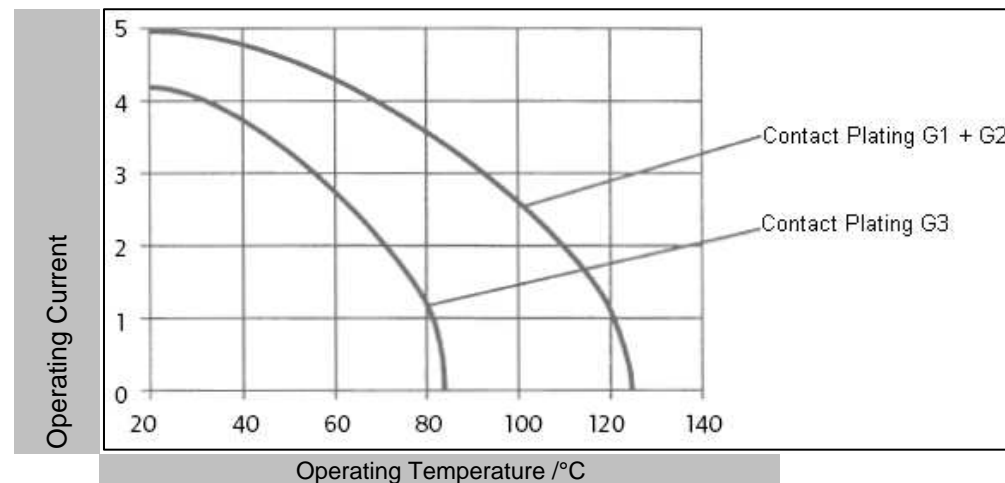
| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 19.02.2012 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | | 1 from 5 |

EDCON-COMPONENTS



Specifications

| | | | |
|-----------------------------------|----------------------|--------|--|
| Material of Body: | Polycarbonat with GF | | |
| Material contacts: | Copper | | |
| | UL94V-1 | | |
| Contact Resistance: | ≤ 15mΩ | | |
| Contact Isolations-Resistance: G1 | ≥ 10 ¹² Ω | | |
| Contact Isolations-Resistance: G2 | ≥ 10 ¹¹ Ω | | |
| Contact Isolations-Resistance: G3 | ≥ 10 ¹⁰ Ω | | |
| Proof-Voltage: Contact to Masse | 900V | | |
| Proof-Voltage: Contact to Contact | 1150V | | |
| Withstanding Voltage: | 250V | | |
| Operating current +20°C | Contact G1 + G2 = 4A | | |
| Operating current +70°C | Contact G1 + G2 = 4A | | |
| Operating current +100°C | Contact G3 = 2A | | |
| Operating Temperatur: G1 | . -65°C to ~ 125°C | | |
| Operating Temperatur: G2 | . -55°C to ~ 125°C | | |
| Operating Temperatur: G3 | . -25°C to ~ 85°C | | |
| Connecting force in/out (max.) | 13Pos. 32N/AU | 30N/SI | |
| | 21Pos. 33N/AU | 48N/SI | |
| | 31Pos. 48N/AU | 70N/SI | |
| Contact operations G3 | 50 Operations | | |
| Contact operations G2 | 400 Operations | | |
| Contact operations G1 | 500 Operations | | |
| Contact operations Silver | 500 Operations | | |



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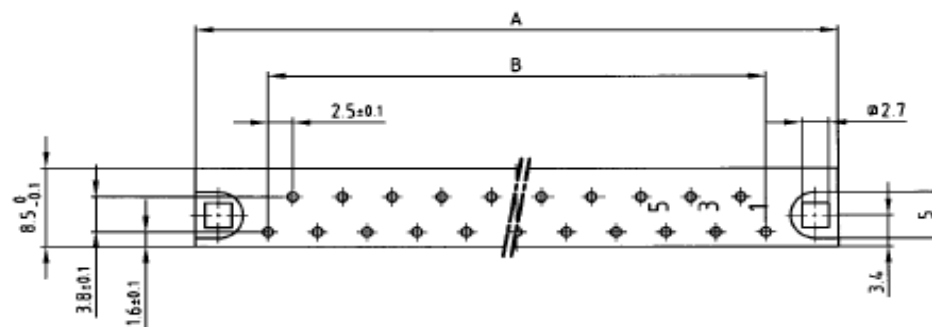
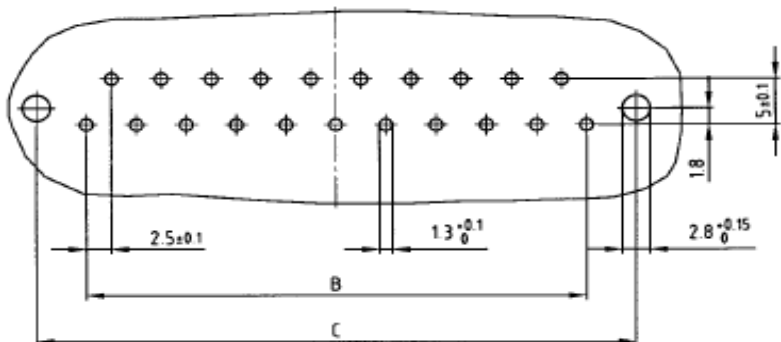
www.edcon-components.com

email: info@edcon-components.com

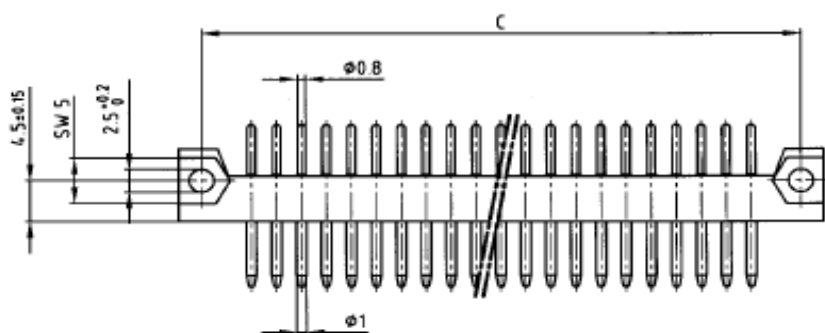
EDCON-COMPONENTS



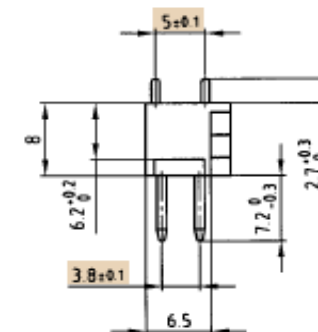
Drawing



PCB Layout



| Number of Position | A ±0,2 | B ±0,1 | C ±0,1 |
|--------------------|--------|-----------|--------|
| 13 | 44,6 | 12x2,5=30 | 40 |
| 21 | 64,6 | 20x2,5=50 | 60 |
| 31 | 89,6 | 30x2,5=75 | 85 |



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EDCON-COMPONENTS



Ordering Informations

| Serie | Number of Position | Contact Plating | Function | ROHS | Packing Code | | | | | |
|-------|--------------------|-----------------|----------|------|--------------|--|--|--|--|--|
|-------|--------------------|-----------------|----------|------|--------------|--|--|--|--|--|

| | | | | | | | | | | |
|---------------|-----------|-----------|-----------|----------|-----------|--|--|--|--|--|
| T22002 | 13 | SI | XX | R | BU | | | | | |
|---------------|-----------|-----------|-----------|----------|-----------|--|--|--|--|--|

| | | | | |
|------------------------|------------------------------|--------------------------------------|----------------------------|-------------------------|
| 13= 13Pos. | SI= Silber (Standard) | XX= No function in the moment | R= ROHS Conform | BU= Bulk Ware |
| 13, 21, 31 Pos. | G1= Gold Plating 1 | | N= NON ROHS Conform | TY= Tray Packing |
| | G2= Gold Plating 2 | | | |
| | G3= Gold Plating 3 | | | |

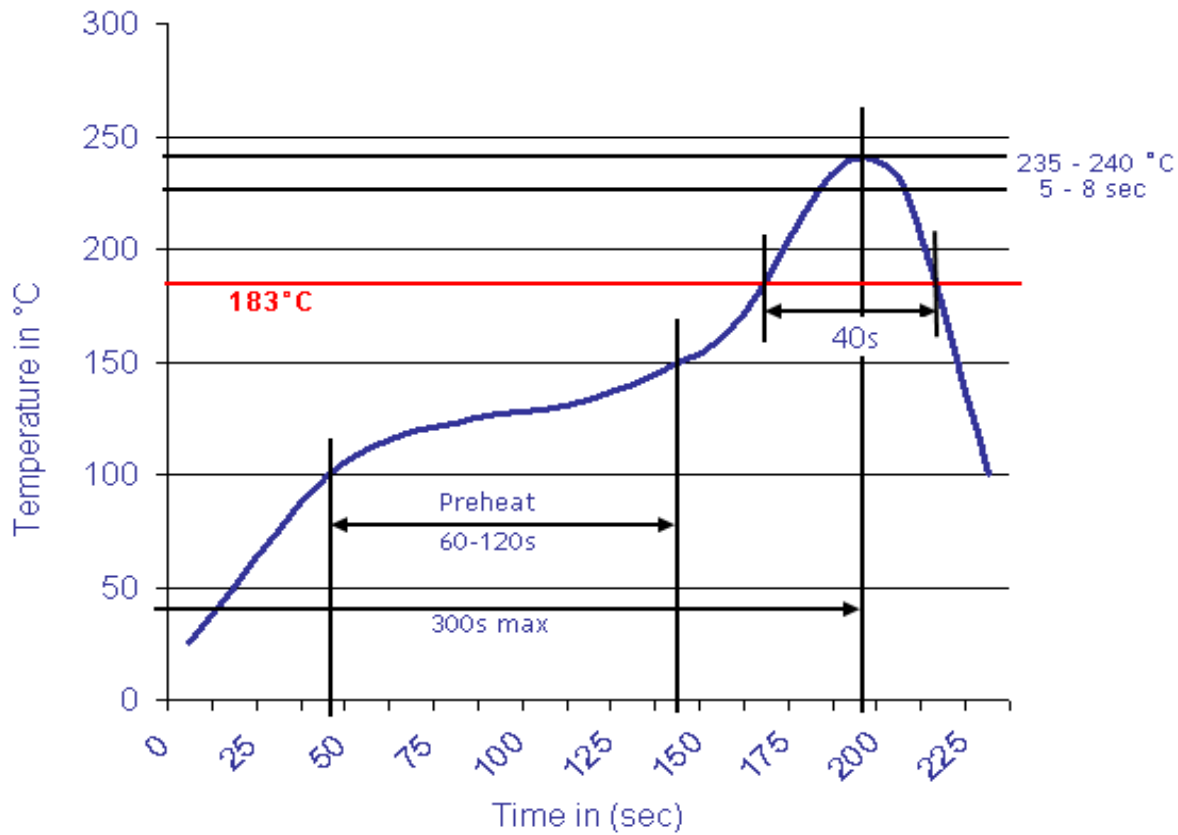
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Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)



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