

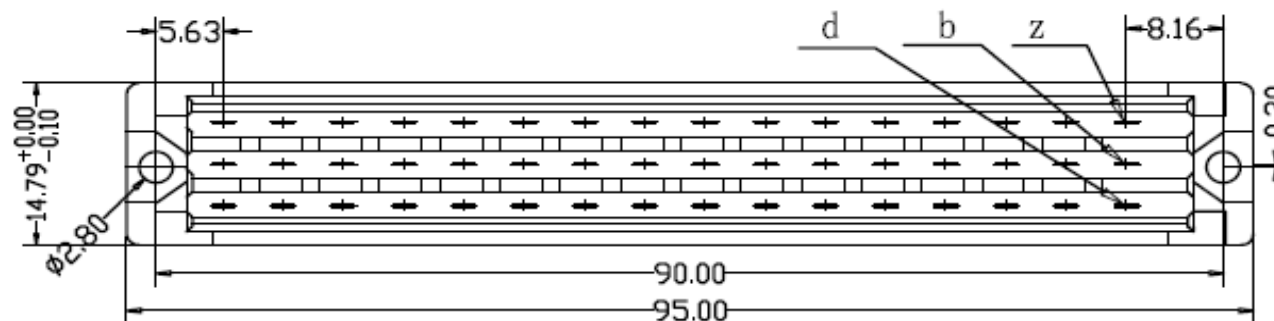
EDCON-COMPONENTS



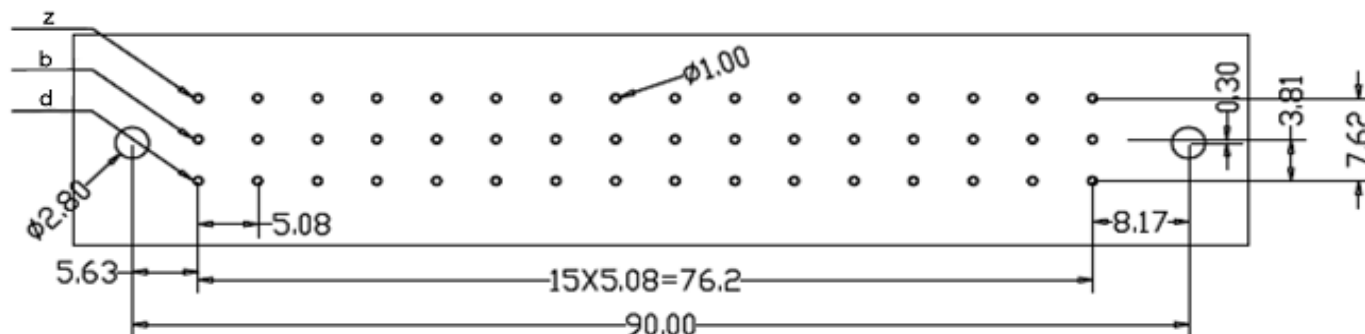
Specifications

| | |
|------------------------|----------------------------------|
| Current Rating: | 5,6A |
| Operating Temperature: | -55°C ~ t+ 105°C |
| Contact Resistance: | 20M Ω max. |
| Withstanding Voltage: | AC 1000V for 1 Minute |
| Insulation Resistance: | 100000M Ω min at DC500V |
| | |
| Contact Material: | Brass |
| Contact Plating: | Au or Sn over Ni |
| Insulator Material: | PBT +30%GF UL 94V-0 |
| Insertion Force: | 75N max. |
| Withdrawal Force: | 0,15N min per individual contact |

Drawing (dimensions all into mm)



PCB Layout

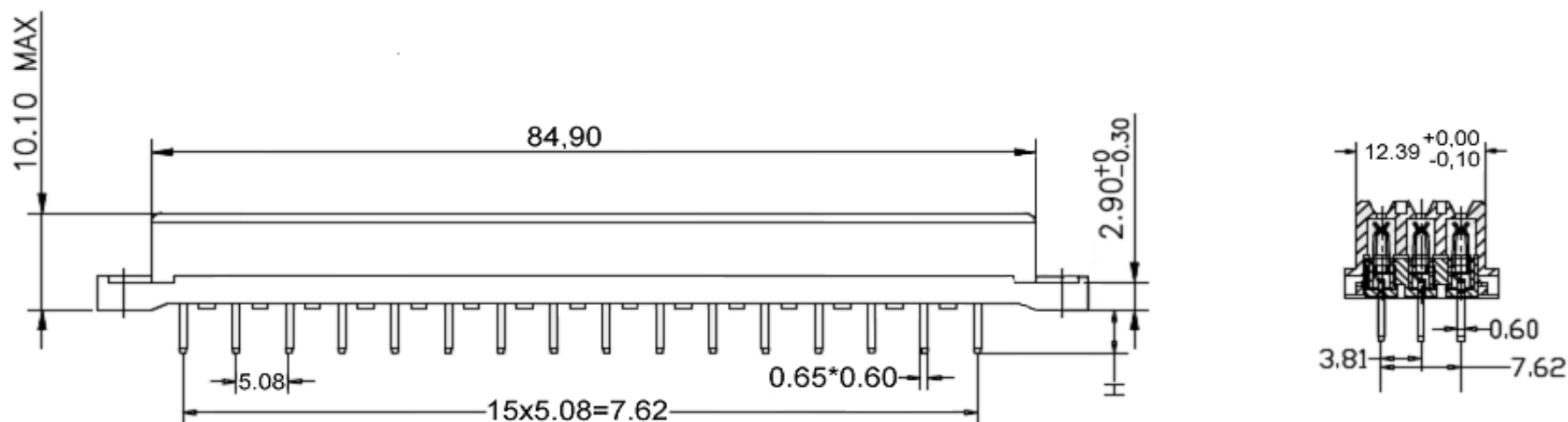


DIN41612 Power Connector Full Size Female STRAIGHT Type H Flat-Body 32/48Pos

Part No.: **T21044-**

| | | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|-----------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 18.02.2017 | Customer: |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 1 from 4 | | |

EDCON-COMPONENTS



**DIN41612 Power Connector Full
Size Female STRAIGHT Type H
Flat-Body 32/48Pos**

Part No.: **T21044-**

Customer:

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 18.02.2017 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 2 from 4 | |

EDCON-COMPONENTS



Ordering Informations

| Serie | Loaded Contacts | Termination Specification | Row Loaded Contacts | Contact Plating | Special function | Special function | ROHS | Packing | | |
|----------------|-----------------|---------------------------|---------------------|-----------------|------------------|------------------|----------|-----------|--|--|
| T21044- | 32 | A1 | D0 | S0 | N | N | R | TY | | |

| | | | | | | | | | |
|------------------|-----------------------------|-----------------------------|--------------------------------------|--------------------------------|-------------------------|---------------------------|----------------------------------|--|--|
| 32 = Pos. | A1=Solder H=3,2mm | D0= Row d + z | G0= Gold Flash | N= No Special | N= No Special | R= ROHS Conform | BU= Bulk Packing | | |
| 48 = Pos. | A1=Solder H=4,5mm | Z0= Row d + b + z | S0= Selectiv Gold Flash/Ni | | | N= NON ROHS | TY= Tray Packing | | |
| | | | G1= 3µ AU Gold | | | | IV= Individual Packing | | |
| | | | G2= 5µ AU Gold | | | | | | |
| | | | G3= 10µ AU Gold | | | | | | |
| | | | G4= 15µ AU Gold | | | | | | |
| | | | G5= 30µ AU Gold | | | | | | |
| | | | S1= 3µ AU Gold / Ni | S4= 15µ AU Gold / Ni | | | | | |
| | | | S2= 5µ AU Gold / Ni | S5= 30µ AU Gold / Ni | | | | | |
| | | | S3= 10µ AU Gold / Ni | TN= Tin Plated | | | | | |

**DIN41612 Power Connector Full
Size Female STRAIGHT Type H
Flat-Body 32/48Pos**

Part No.: **T21044-**

| Unless Otherwise specified tolerance | | | | | |
|--------------------------------------|-------------------|--------------------|---------------------|------------------|-----------|
| X=± 0,35 | X.X=± 0,25 | X.XX=± 0,20 | X.XXX=± 0,15 | | |
| DRW: Jason | CHKD: Wilson | MATL: Wilson | TOLERANCE: Mason | DATE: 18.02.2017 | |
| APPD: Schumi | FINISH: Jamy | | Sheet No.: | 3 from 4 | Customer: |

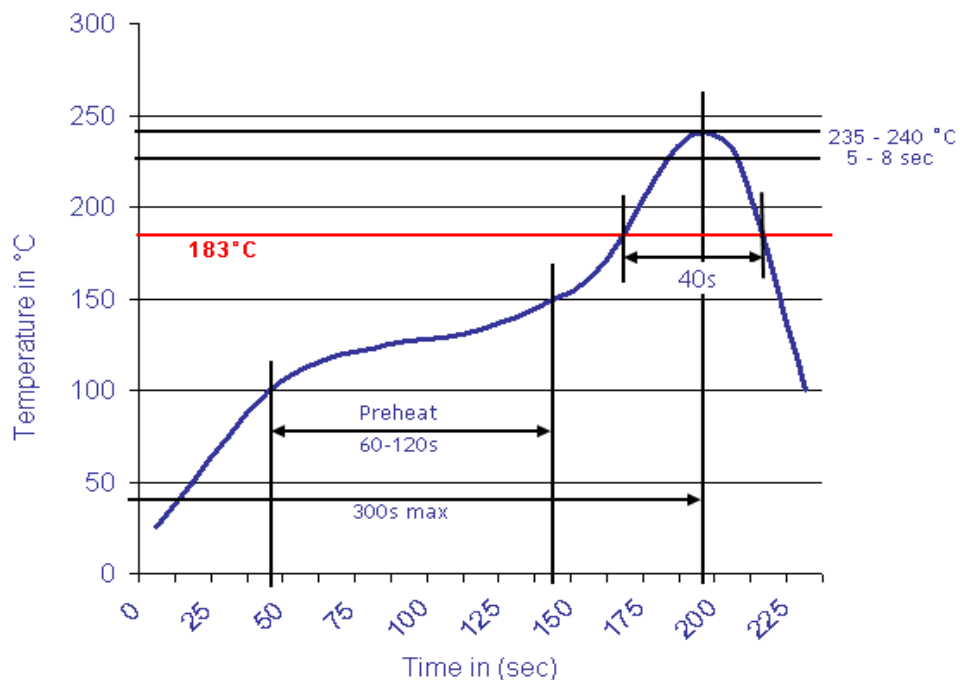
www.edcon-components.com

email: info@edcon-components.com

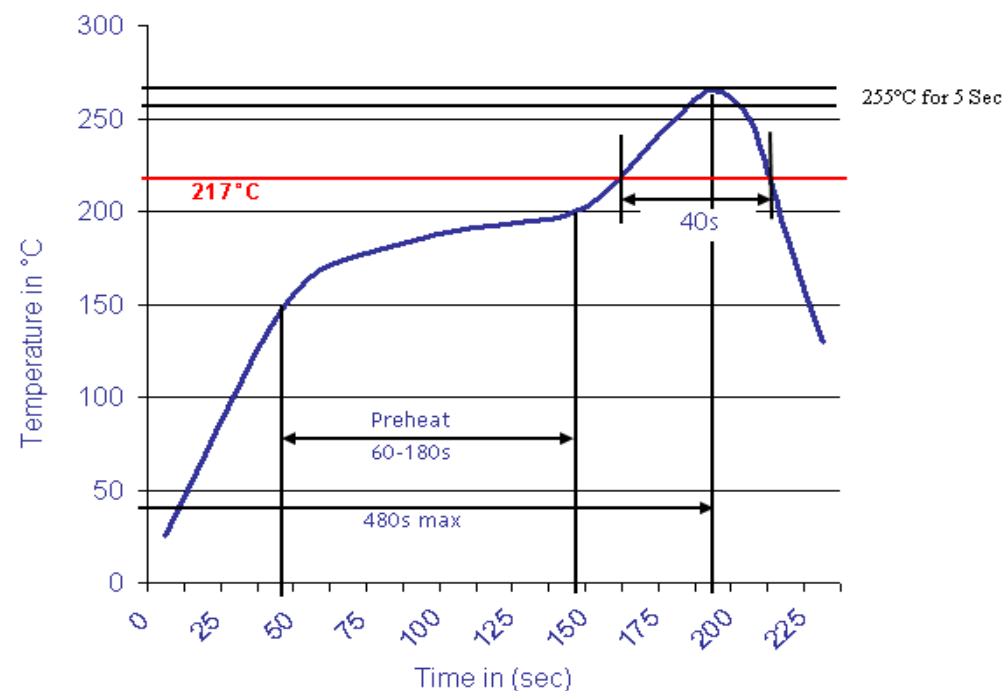


Soldering Informations

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



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



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Part No.: T21044-

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 18.02.2017 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 4 from 4 | Customer: |