

Data sheet

Commercial Art.No.: 78.001.2053.0

Modular insert FLE BUC 20 10

Modular connector system 20 pole female contact, 250V/10A, crimp connection, stamped contacts



| | |
|--------------------|---------------|
| Commercial Art.No. | 78.001.2053.0 |
| EAN | 4015573445918 |
| Order Unit | 10 |

Certificates / Approvals



Technical data

General

| | |
|--|---------------|
| Model | Female insert |
| Inflammability class of insulation material acc. with UL94 | V0 |
| Color | Grey |
| Mating cycles | 500 |
| Pollution degree | 3 |
| Modular version | yes |
| Operating temperature range min. | -40 °C |
| Operating temperature range max. | 120 °C |

Connection Data

| | |
|--|-------|
| Connection type | Crimp |
| Number of poles | 20 |
| Plus switching contacts | 0 |
| Number of pole for rated current 2 | 0 |
| Number of pole for rated current 3 | 0 |
| Total number of poles (without ground contact) | 20 |
| With wire protection | No |
| Protective contact | No |

Technical Data UL/CSA

| | |
|-----------------------------------|------|
| Rated voltage according to UL/CSA | 60 V |
| Rated current according UL | 5 A |

| | |
|--|----------------------|
| Rated current according CSA | 5 A |
| Min. conductor cross section flexible wire | 0.09 mm ² |
| Max. conductor cross section flexible wire | 0.5 mm ² |
| Conductor cross section flexible AWG wire | 28-20 AWG |

Model

| | |
|--------------|----|
| With housing | No |
|--------------|----|

Contacts

| | |
|--------------------|--------------|
| Contact material | See contacts |
| Surface | Gilt |
| Contact resistance | ≤ 5 mOhm |
| Wire strip length | 3 mm |

Technical Data DIN EN 61984

| | |
|---------------------------|--------|
| Nominal voltage | 100 V |
| Rated voltage face/ground | 100 V |
| Nominal current | 4 A |
| Rated impulse voltage | 1.5 kV |

Classification

| | |
|------------|----------|
| ECLASS 11 | |
| ECLASS 8.1 | 27440205 |
| ETIM 7.0 | EC000438 |
| ETIM 6.0 | EC000438 |
| ETIM 5.0 | EC000438 |
| ETIM 4.0 | EC000438 |
| ETIM 3.0 | EC000438 |

Product compliance

| | |
|------------------------------|-----------|
| ROHS conformity status | Compliant |
| REACH-SVHC conformity status | Compliant |

A

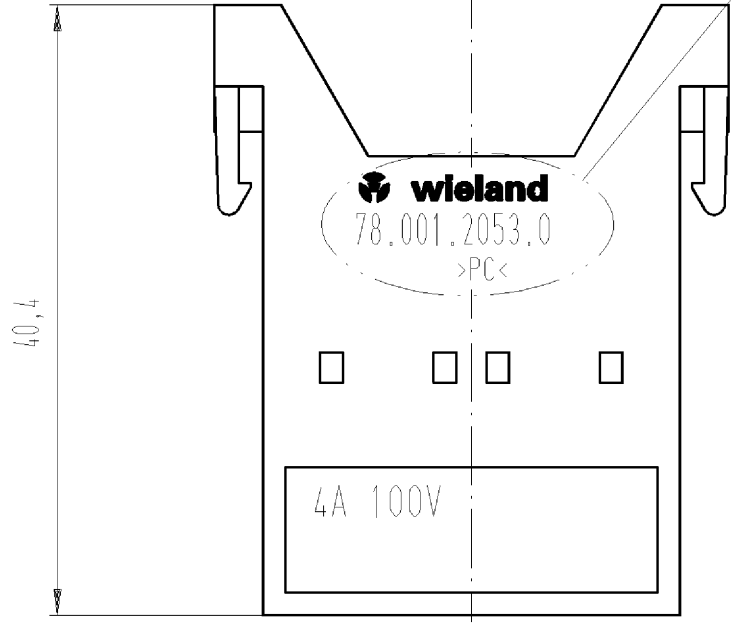
B

C

D

E

F



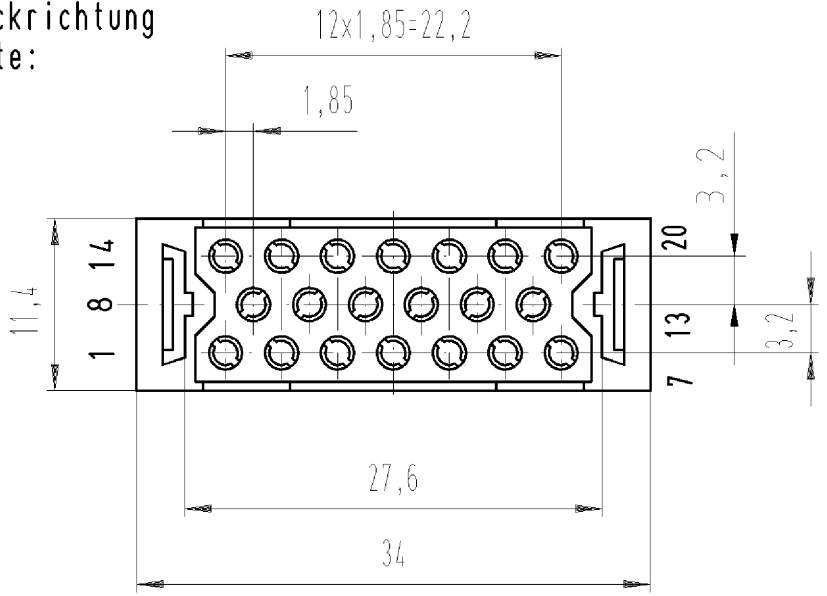
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Sicht in Einsteckrichtung
der Crimpkontakte:
In sight from
the crimp
connection:



Weitere Daten siehe Katalog
further data see catalog

| | | | | | | | | | |
|-------------------|---------------|---|---|-----|---|-----------|--------------|---|---------------|
| Freitoleranz nach | | CAD - Zeichnung, keine manuellen Änderungen | | | 1. Verwendung: - | | Bl.: 1 von 1 | | |
| | / | Maßstab 1:1 | Werkstoff und Oberfläche: PC GF 20 Brennverhalten UL 94 V-0 | | 2005 | Tag | Name | Zeichnung Nr. 78.001.2053.0 01K a | Index |
| | / | | | | Entworfen | 21.03. | Schmitt J. | | |
| | / | | | | Geprüft | - | - | | |
| | / | Vol. | mm ² | Qt. | mm ² | Normgepr. | - | - | Ersatz für: - |
| | / | wieland Elektrische Verbindungen | | | Benennung MODULE INSATZ_BUCHSE 20-polig / 20 poles insert for module female | | | | |
| a | 05.04.2005/ | | | | | | | | |
| Buchstabe | Datum / Blatt | | | | | | | | |
| Änderung | | | | | | | | | |