

Data sheet

Commercial Art.No.: 78.003.0553.0

Modular insert FLE BUC 5 25

Modular connector system 5 pole female insert, 250V/20A, crimp connection, turned contacts



Commercial Art.No.	78.003.0553.0
EAN	4015573445932
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	5
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)	5
With wire protection	No
Protective contact	No

Technical Data UL/CSA

Rated voltage according to UL/CSA	600 V
Rated current according UL	20 A

Rated current according CSA	16 A
Min. conductor cross section flexible wire	0.5 mm ²
Max. conductor cross section flexible wire	4 mm ²
Conductor cross section flexible AWG wire	20-12 AWG

Model

With housing	No
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Contacts

Contact material	See contacts
Surface	Silver-plated
Contact resistance	≤ 2 mOhm
Wire strip length	8 mm

Technical Data DIN EN 61984

Nominal voltage	250 V
Rated voltage face/ground	250 V
Nominal current	20 A
Rated impulse voltage	6 kV

Classification

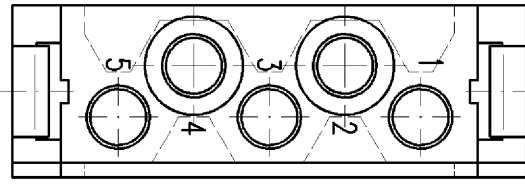
ECLASS 11	
ECLASS 8.1	27440205
ETIM 7.0	EC000438
ETIM 6.0	EC000438
ETIM 5.0	EC000438
ETIM 4.0	EC000438
ETIM 3.0	EC000438

Product compliance

ROHS conformity status	Compliant
REACH-SVHC conformity status	Compliant

A

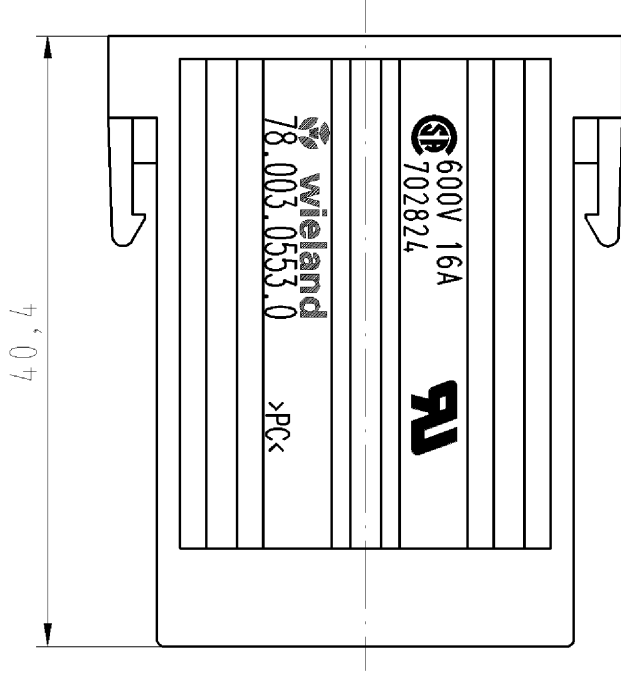
These dimensions will be especially checked at delivery
 Only inspection dimensions
 With /E marked dimensions are only valid for internal use



B

C

Diese Maße werden bei Abnahme besonders geprüft
 Ausschließlich Prüfmaße
 Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig



D

E

Weitere Daten siehe Katalog
 further data see catalog

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167. (This DIN-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances). ja/yes Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten. Conformity with Wieland document UU-TQM-05/03 (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach - General tolerance CAD - Zeichnung, keine manuellen Änderungen CAD - drawing, no manual modifications allowed 1.Verwendung: - First Use: Blatt: 1 von 1 Sheet: of 1

		Werkstoff/Material PC GF 20 Brennverhalten UL 94 V-0		2008 gezeichnet drawn 01.08. geprüft checked - Normgepr. Stand. check -	Tag/Date Name Schmitt J.	Zeichnung Nr./Drawing No. 78.003.0553.0 01K		Index
		Maßstab/Scale 2:1		Ersatz für/Replacement for: -		Maße in mm/Dimensions are in mm		
		Vol. mm³ Of l./Surf. mm²		Type		Benennung/Tittle MODULE INSATZ_BUCHSE 5-polig / 5 poles insert for module female		
Index		Datum / Blatt Date / Sheet		wieland		Elektrische Verbindungen		
Änderung/Revision								

F

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