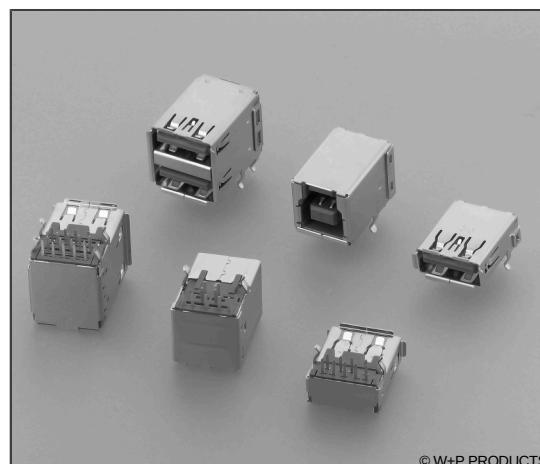


USB 3.2 Gen 1x1 (vormals 3.0) Steckverbinder, Typen A & B, Buchsen

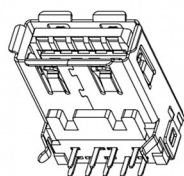
USB 3.2 Gen 1x1 (formerly 3.0) Connectors, Types A & B, Jacks

Technische Daten / Technical Data

Gehäuse	Kupferlegierung, vernickelt
Shell	Copper alloy, nickel plated
Isolierkörper	Thermoplast, nach UL94 V-0, blau
Insulator	Thermoplastic, rated UL94 V-0, blue
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Oberfläche Lötanschluss	Verzinkt
Plating Solder Side	Tin plated
Durchgangswiderstand	< 30 mΩ VBUS/GND im Auslieferungszustand
	< 50 mΩ im Auslieferungszustand
Contact Resistance	< 30 mΩ VBUS/GND initially
	< 50 mΩ initially
Isolationswiderstand	> 100 MΩ
Insulation Resistance	> 100 MΩ
Spannungsfestigkeit	100 V AC
Test Voltage	100 V AC
Nennspannung	30 V RMS
Voltage Rating	30 V RMS
Nennstrom	1,8 A VBUS/GND, 0,25 A DATA
Current Rating	1,8 A VBUS/GND, 0,25 A DATA
Temperaturbereich	-55 °C ... +85 °C
Temperature Range	-55 °C ... +85 °C
Verarbeitung	Wellenlötverfahren
Processing	Wave soldering

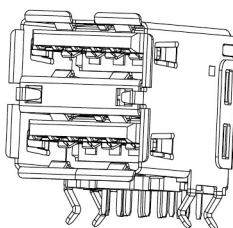


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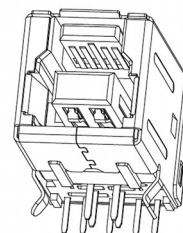
USB Type A Female

829-1-2-80



USB Type A Female 2x

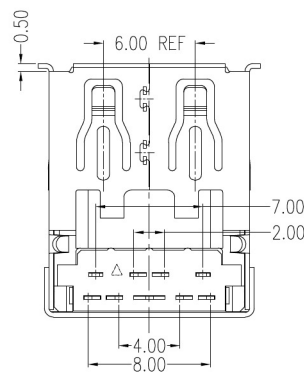
829-4-2-80



USB Type B Female

829-2-2-80

USB 3.2 Gen 1x1 (vormals 3.0) Steckverbinder, Typen A & B, Buchsen
USB 3.2 Gen 1x1 (formerly 3.0) Connectors, Types A & B, Jacks

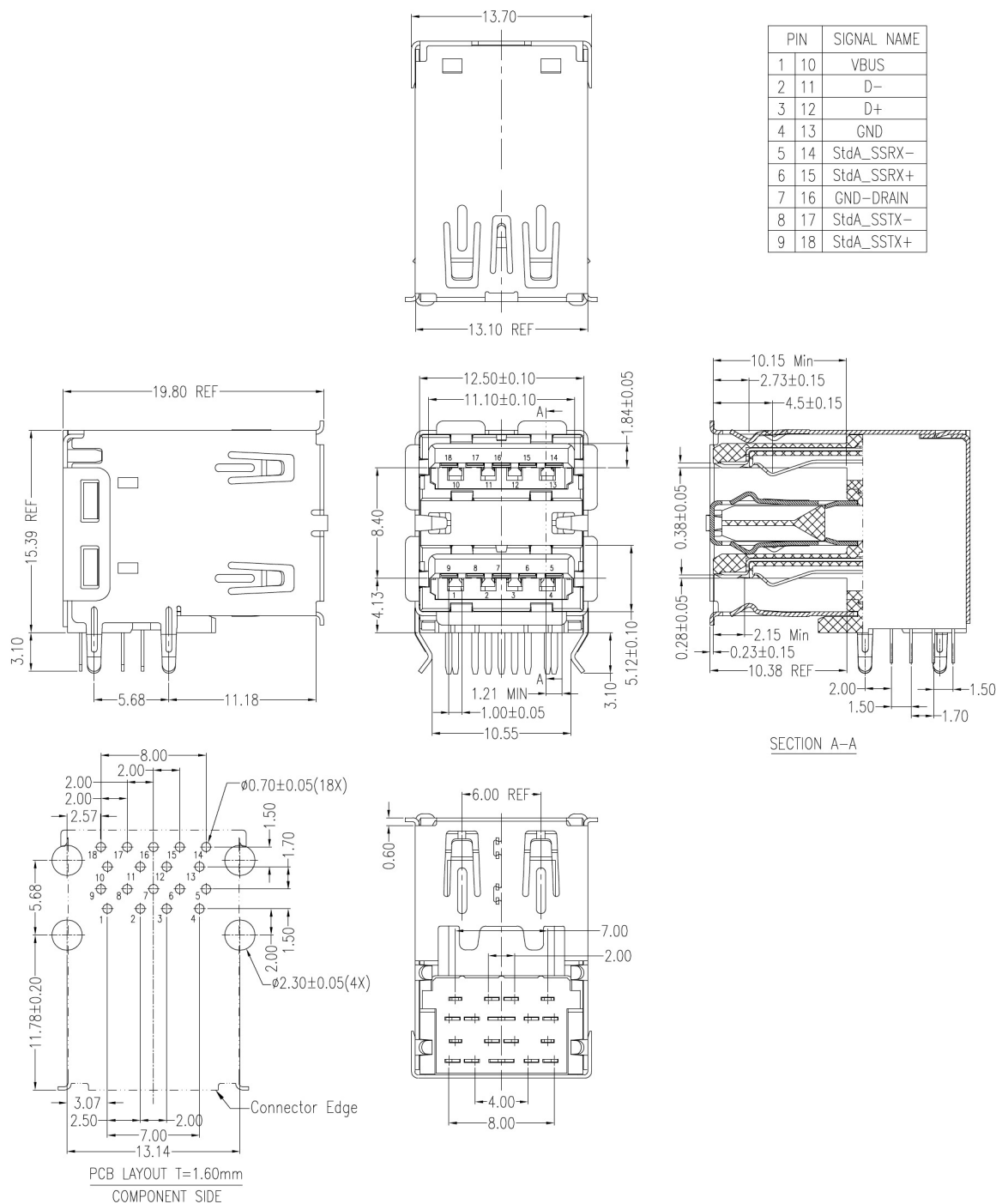


80 Vergoldet 30μ"
Gold plated 30μ"

USB 3.2 Gen 1x1 (vormals 3.0) Steckverbinder, Typen A & B, Buchsen

USB 3.2 Gen 1x1 (formerly 3.0) Connectors, Types A & B, Jacks

PIN	SIGNAL NAME
1 10	VBUS
2 11	D-
3 12	D+
4 13	GND
5 14	StdA_SSRX-
6 15	StdA_SSRX+
7 16	GND-DRAIN
8 17	StdA_SSTX-
9 18	StdA_SSTX+



Series

829

Type

4

4 Type A Buchse zweifach
Type A Female Dual Port

Version

2

2 Einlöt-Version gewinkelt
Right-angled solder-in version

Plating

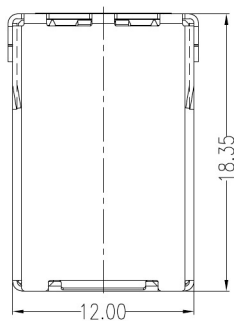
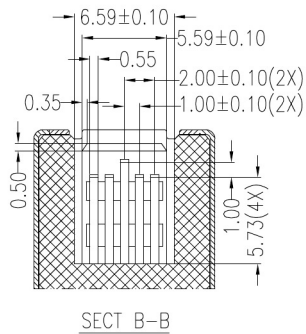
80

80 Vergoldet 30μ"
Gold plated 30μ"

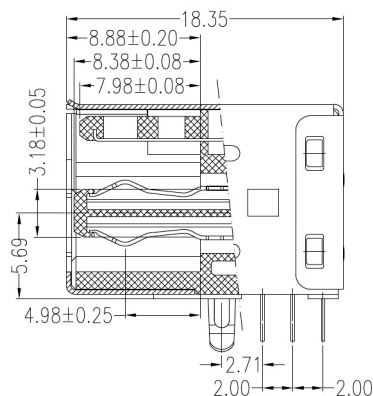
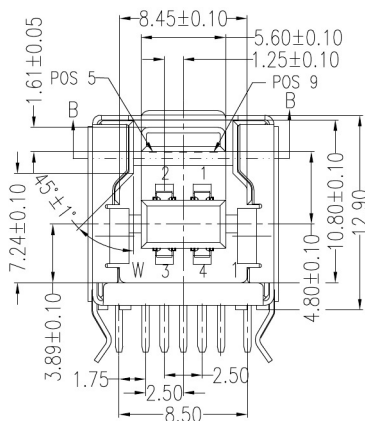
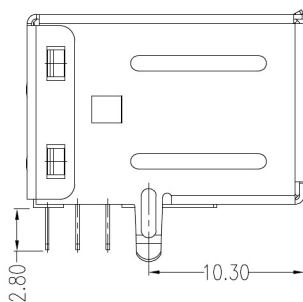
829

USB 3.2 Gen 1x1 (vormals 3.0) Steckverbinder, Typen A & B, Buchsen

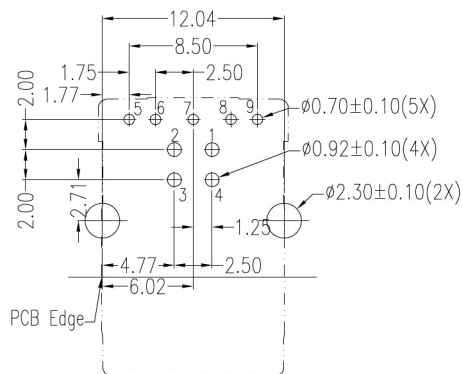
USB 3.2 Gen 1x1 (formerly 3.0) Connectors, Types A & B, Jacks



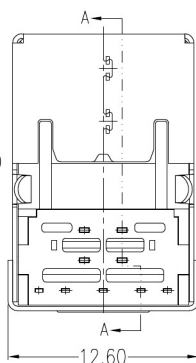
Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	GND
5	StdB_SSTX-
6	StdB_SSTX+
7	GND-DRAIN
8	StdB_SSRX-
9	StdB_SSRX+



SECT A-A



PCB LAYOUT(T=1.00~1.60mm)
COMPONENT SIDE



Series

829

Type

2

2 Typ B Buchse
Type B female

Version

2

2 Einlöt-Version gewinkelt
Right-angled solder-in version

Plating

80

80 Vergoldet 30μ"
Gold plated 30μ"

Empfehlungen für das Wellenlötverfahren

Recommendations for Wave Soldering

Die Bauteile sollten bei einer Lötbadtemperatur von 260°C in max. 5 Sekunden verlötet werden.

Empfohlenes Wellenlötprofil:

