

Board-to-board connectors

FINEPITCH 0.8 series

Shielded SMD male connectors	440
Shielded SMD female connectors	441

FINEPITCH 1.27 series

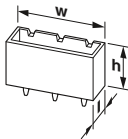
SMD male connectors	442
SMD female connectors	443
IDC female connectors	445

Board-to-board connectors
FINEPITCH 0.8 series

shielded SMD male connector, Pitch: 0.8 mm

FP 0,8/...-MV-SH 1,15

new



Dimensions	[mm]
Length l	6.1
Height h	1.15

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 0,8/ 12-MV-SH 1,15	1043786	500	8.7
20	FP 0,8/ 20-MV-SH 1,15	1053586	500	11.9
32	FP 0,8/ 32-MV-SH 1,15	1043787	500	16.7
52	FP 0,8/ 52-MV-SH 1,15	1043789	500	24.7
80	FP 0,8/ 80-MV-SH 1,15	1043790	500	35.9

Gbit/s16

24 mm

SMD

500 V ACIEC

1,4 AIEC

0,8 mm

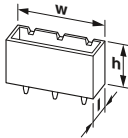
Technical data

Connection system / type of contact	Fine Pitch 0,8 mm / Male connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
EMC note	shielded
Data transmission rate	up to 16 Gbps
Electrical parameters	
Nominal current	[A] 1.4 A (52-pos.)
Test voltage	[V] 500 V AC IEC 60512-4-1:2003
Insulation resistance	[GΩ] ≥ 5 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	[mΩ] ≤20 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	[mm] min. 0.25 mm
Ambient temperature (operation)	[°C] -55 °C ... 125 °C
Insertion and withdrawal force per contact	≤ 1.2 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

shielded SMD male connector, Pitch: 0.8 mm

FP 0,8/...-MV-SH 2,65

new



Dimensions	[mm]
Length l	6.1
Height h	2.65

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 0,8/ 12-MV-SH 2,65	1043731	250	8.7
20	FP 0,8/ 20-MV-SH 2,65	1053609	250	11.9
32	FP 0,8/ 32-MV-SH 2,65	1043733	250	16.7
52	FP 0,8/ 52-MV-SH 2,65	1043756	250	24.7
80	FP 0,8/ 80-MV-SH 2,65	1043757	250	35.9

Gbit/s16

24 mm

SMD

500 V ACIEC

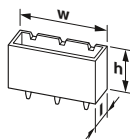
0,8 mm

Technical data

Connection system / type of contact	Fine Pitch 0,8 mm / Male connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
EMC note	shielded
Data transmission rate	up to 16 Gbps
Electrical parameters	
Nominal current	[A] 1.4 A (52-pos.)
Test voltage	[V] 500 V AC IEC 60512-4-1:2003
Insulation resistance	[GΩ] ≥ 5 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	[mΩ] ≤20 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	[mm] min. 0.25 mm
Ambient temperature (operation)	[°C] -55 °C ... 125 °C
Insertion and withdrawal force per contact	≤ 1.2 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

Shielded SMD female connector, Pitch: 0.8 mm

FP 0,8/...-FV 4,85



Dimensions	[mm]
Length l	7.1
Height h	4.85

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 0,8/ 12-FV-SH 4,85	1043710	500	9.58
20	FP 0,8/ 20-FV-SH 4,85	1053612	500	12.78
32	FP 0,8/ 32-FV-SH 4,85	1043711	500	17.58
52	FP 0,8/ 52-FV-SH 4,85	1043713	500	25.58
80	FP 0,8/ 80-FV-SH 4,85	1043714	500	36.78

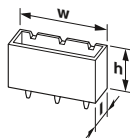
Gbit/s 16	24 mm	SMD	500 V AC IEC	1,4 A IEC	0,8 mm
--------------	-------	-----	-----------------	--------------	--------

Technical data

Connection system / type of contact	Fine Pitch 0,8 mm / Female connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
EMC note	shielded
Data transmission rate	up to 16 Gbps
Electrical parameters	
Nominal current	1.4 A (52-pos.)
Test voltage	500 V AC IEC 60512-4-1:2003
Insulation resistance	≥ 5 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	≤ 20 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	min. 0.25 mm
Ambient temperature (operation)	-55 °C ... 125 °C
Insertion and withdrawal force per contact	≤ 1.2 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

Shielded SMD female connector, Pitch: 0.8 mm

FP 0,8/...-FV-SH 7,85



Dimensions	[mm]
Length l	7.1
Height h	7.85

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 0,8/ 12-FV-SH 7,85	1043682	250	9.58
20	FP 0,8/ 20-FV-SH 7,85	1053614	250	12.78
32	FP 0,8/ 32-FV-SH 7,85	1043683	250	17.58
52	FP 0,8/ 52-FV-SH 7,85	1043684	250	25.58
80	FP 0,8/ 80-FV-SH 7,85	1043685	250	36.78

Gbit/s 16	24 mm	SMD	500 V AC IEC	0,8 mm
--------------	-------	-----	-----------------	--------

Technical data

Connection system / type of contact	Fine Pitch 0,8 mm / Female connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
EMC note	shielded
Data transmission rate	up to 16 Gbps
Electrical parameters	
Nominal current	1.4 A (52-pos.)
Test voltage	500 V AC IEC 60512-4-1:2003
Insulation resistance	≥ 5 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	≤ 20 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	min. 0.25 mm
Ambient temperature (operation)	-55 °C ... 125 °C
Insertion and withdrawal force per contact	≤ 1.2 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

Board-to-board connectors
FINEPITCH 1.27 series

SMD male connector, Pitch: 1.27 mm

FP 1,27/...-MV 1,75, Linear pad geometry

new

Dimensions	[mm]
Length l	6
Height h	1.75



Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 1,27/ 12-MV 1,75	1714934	280	12.71
16	FP 1,27/ 16-MV 1,75	1714936	280	15.25
20	FP 1,27/ 20-MV 1,75	1714937	280	17.79
26	FP 1,27/ 26-MV 1,75	1714938	280	21.6
32	FP 1,27/ 32-MV 1,75	1714940	280	25.41
40	FP 1,27/ 40-MV 1,75	1714941	280	30.49
50	FP 1,27/ 50-MV 1,75	1714943	280	36.84
68	FP 1,27/ 68-MV 1,75	1714944	280	48.27
80	FP 1,27/ 80-MV 1,75	1714945	280	55.89

24 mm

SMD

500 V AC
IEC

1,4 A
IEC

1,27 mm

Technical data	
Connection system / type of contact	Fine Pitch 1,27 mm / Male connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
Electrical parameters	
Nominal current	[A] 1.4 A (50-pos.)
Test voltage	[V] 500 V AC
Insulation resistance	[GΩ] ≥ 10 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	[mΩ] ≤25 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	[mm] min. 0.4 mm
Ambient temperature (operation)	[°C] -55 °C ... 125 °C
Insertion and withdrawal force per contact	approx. 0.5 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

SMD male connector, Pitch: 1.27 mm

FP 1,27/...-MV 3,25, Linear pad geometry

new

Dimensions	[mm]
Length l	7.2
Height h	3.25



Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 1,27/ 12-MV 3,25	1714924	280	12.71
16	FP 1,27/ 16-MV 3,25	1714925	280	15.25
20	FP 1,27/ 20-MV 3,25	1714927	280	17.79
26	FP 1,27/ 26-MV 3,25	1714928	280	21.6
32	FP 1,27/ 32-MV 3,25	1714929	280	25.41
40	FP 1,27/ 40-MV 3,25	1714930	280	30.49
50	FP 1,27/ 50-MV 3,25	1714931	280	36.84
68	FP 1,27/ 68-MV 3,25	1714932	280	48.27
80	FP 1,27/ 80-MV 3,25	1714933	280	55.89

24 mm

SMD

500 V AC
IEC

1,4 A
IEC

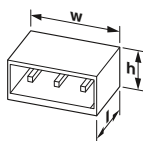
1,27 mm

Technical data	
Connection system / type of contact	Fine Pitch 1,27 mm / Male connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
Electrical parameters	
Nominal current	[A] 1.4 A (50-pos.)
Test voltage	[V] 500 V AC
Insulation resistance	[GΩ] ≥ 10 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	[mΩ] ≤25 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	[mm] min. 0.4 mm
Ambient temperature (operation)	[°C] -55 °C ... 125 °C
Insertion and withdrawal force per contact	approx. 0.5 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

SMD male connector, Pitch: 1.27 mm

FP 1,27/...-MH, Linear pad geometry

new



Dimensions	[mm]
Length l	7.2
Height h	4.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 1,27/ 12-MH	1714912	560	12.71
16	FP 1,27/ 16-MH	1714914	560	15.25
20	FP 1,27/ 20-MH	1714915	560	17.79
26	FP 1,27/ 26-MH	1714916	560	21.6
32	FP 1,27/ 32-MH	1714917	560	25.41
40	FP 1,27/ 40-MH	1714918	560	30.49
50	FP 1,27/ 50-MH	1714920	560	36.84
68	FP 1,27/ 68-MH	1714921	560	48.27
80	FP 1,27/ 80-MH	1714923	560	55.89



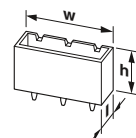
Technical data

Connection system / type of contact	Fine Pitch 1,27 mm / Male connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	0 °
Electrical parameters	
Nominal current	[A] 1.4 A (50-pos.)
Test voltage	[V] 500 V AC
Insulation resistance	[GΩ] ≥ 10 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	[mΩ] ≤ 25 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	[mm] min. 0.4 mm
Ambient temperature (operation)	[°C] -55 °C ... 125 °C
Insertion and withdrawal force per contact	approx. 0.5 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

SMD female connector, Pitch: 1.27 mm

FP 1,27/...-FV 6,25, Linear pad geometry

new



Dimensions	[mm]
Length l	7.2
Height h	6.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 1,27/ 12-FV 6,25	1714891	280	12.71
16	FP 1,27/ 16-FV 6,25	1714892	280	15.25
20	FP 1,27/ 20-FV 6,25	1714893	280	17.79
26	FP 1,27/ 26-FV 6,25	1714894	280	21.6
32	FP 1,27/ 32-FV 6,25	1714895	280	25.41
40	FP 1,27/ 40-FV 6,25	1714897	280	30.49
50	FP 1,27/ 50-FV 6,25	1714898	280	36.84
68	FP 1,27/ 68-FV 6,25	1714899	280	48.27
80	FP 1,27/ 80-FV 6,25	1714901	280	55.89



Technical data

Connection system / type of contact	Fine Pitch 1,27 mm / Female connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
Electrical parameters	
Nominal current	[A] 1.4 A (50-pos.)
Test voltage	[V] 500 V AC
Insulation resistance	[GΩ] -
Contact resistance	[mΩ] ≤ 25 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	[mm] min. 0.4 mm
Ambient temperature (operation)	[°C] -55 °C ... 125 °C
Insertion and withdrawal force per contact	approx. 0.5 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

Board-to-board connectors
FINEPITCH 1.27 series

SMD female connector, Pitch: 1.27 mm

FP 1,27/...-FV 9,05, Linear pad geometry

new

Dimensions [mm]

Length l	7.2
Height h	9.05

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 1,27/ 12-FV 9,05	1714999	280	12.71
16	FP 1,27/ 16-FV 9,05	1715000	280	15.25
20	FP 1,27/ 20-FV 9,05	1714881	280	17.79
26	FP 1,27/ 26-FV 9,05	1714882	280	21.6
32	FP 1,27/ 32-FV 9,05	1714884	280	25.41
40	FP 1,27/ 40-FV 9,05	1714885	280	30.49
50	FP 1,27/ 50-FV 9,05	1714886	280	36.84
68	FP 1,27/ 68-FV 9,05	1714888	280	48.27
80	FP 1,27/ 80-FV 9,05	1714889	280	55.89

Technical data

Connection system / type of contact	Fine Pitch 1,27 mm / Female connector
Range of positions	- ... -
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
Electrical parameters	
Nominal current	1.4 A (50-pos.)
Test voltage	500 V AC
Insulation resistance	-
Contact resistance	≤25 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	min. 0.4 mm
Ambient temperature (operation)	-55 °C ... 125 °C
Insertion and withdrawal force per contact	approx. 0.5 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

SMD female connector, Pitch: 1.27 mm

FP 1,27/...-FH, Linear pad geometry

new

Dimensions [mm]

Length l	7.2
Height h	3.8

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 1,27/ 12-FH	1714869	560	12.71
16	FP 1,27/ 16-FH	1714871	560	15.25
20	FP 1,27/ 20-FH	1714872	560	17.79
26	FP 1,27/ 26-FH	1714873	560	21.6
32	FP 1,27/ 32-FH	1714875	560	25.41
40	FP 1,27/ 40-FH	1714877	560	30.49
50	FP 1,27/ 50-FH	1714878	560	36.84
68	FP 1,27/ 68-FH	1714879	560	48.27
80	FP 1,27/ 80-FH	1714880	560	55.89

Technical data

Connection system / type of contact	Fine Pitch 1,27 mm / Female connector
Range of positions	- ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	0 °
Electrical parameters	
Nominal current	1.4 A (50-pos.)
Test voltage	500 V AC
Insulation resistance	-
Contact resistance	≤25 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	min. 0.4 mm
Ambient temperature (operation)	-55 °C ... 125 °C
Insertion and withdrawal force per contact	approx. 0.5 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

IDC female connector, IDC connection, Pitch: 1.27 mm

FP 1,27/...-FWL



new

Dimensions	[mm]
Length l	4.2
Height h	13.65



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 1,27/ 12-FWL	1714902	480	13.78
16	FP 1,27/ 16-FWL	1714903	400	16.32
20	FP 1,27/ 20-FWL	1714904	360	18.86
26	FP 1,27/ 26-FWL	1714905	280	22.67
32	FP 1,27/ 32-FWL	1714907	240	26.48
40	FP 1,27/ 40-FWL	1714908	200	31.56
50	FP 1,27/ 50-FWL	1714909	160	37.91
68	FP 1,27/ 68-FWL	1714910	120	49.34
80	FP 1,27/ 80-FWL	1714911	120	56.96



Technical data

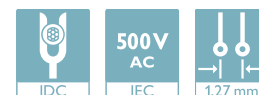
Connection system / type of contact	Fine Pitch 1,27 mm / Female connector
Range of positions	12 ... 80
Locking	-
Electrical parameters	
Nominal current	1.2 A (50-pos.)
Test voltage	500 V AC
Insulation resistance	≥ 10 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	≤ 10 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	min. 0.4 mm
Ambient temperature (operation)	-55 °C ... 125 °C
Insertion and withdrawal force per contact	approx. 0.5 N
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

Assembled IDC female connector, IDC connection, Pitch: 1.27 mm

FP 1,27/...-FWL



new



Technical data

Connection system / type of contact	Fine Pitch 1,27 mm / Female connector
Range of positions	12 ... 80
Locking	-
Connection method	Displacement connection
Assembly variant	Assembly variant 21
Cable length	Free input (0.05 ... 0.95 m)
Electrical parameters	
Nominal current	1.2 A IEC 60512-5-2:2002-02 (50-pos.)
Test voltage	500 V AC IEC 60512-4-1:2003
Contact resistance	≤ 10 mΩ, (IEC 60512-2-1:2002-02)
General data	
Fixed installation ambient temperature	-
Insertion and withdrawal force per contact	approx. 0.5 N
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

Board-to-board connectors
FINEPITCH 1.27 series

Assembled IDC female connector, IDC connection, Pitch: 1.27 mm

FP 1,27/...-FWL



Table with 4 columns: No. of pos., Type, Order No., and Pcs./ Pkt. It lists various configurations for the FP 1,27/...-FWL series, including 12, 16, 20, 26, 32, 40, 50, 68, and 80 positions.

Technical data table for the FP 1,27/...-FWL connector. It includes details on connection system, range of positions, locking, connection method, assembly variant, cable length, electrical parameters (nominal current, test voltage, contact resistance), general data (fixed installation ambient temperature, insertion and withdrawal force per contact, service life), and insulation material/insulation material group.

Assembled IDC female connector, IDC connection, Pitch: 1.27 mm

FP 1,27/...-FWL



Table with 4 columns: No. of pos., Type, Order No., and Pcs./ Pkt. It lists various configurations for the FP 1,27/...-FWL series, including 12, 16, 20, 26, 32, 40, 50, 68, and 80 positions.

Technical data table for the FP 1,27/...-FWL connector. It includes details on connection system, range of positions, locking, connection method, assembly variant, cable length, electrical parameters (nominal current, test voltage, contact resistance), general data (fixed installation ambient temperature, insertion and withdrawal force per contact, service life), and insulation material/insulation material group.

Assembled IDC female connector, IDC connection, Pitch: 1.27 mm

FP 1,27/...-FWL



new



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.
12	FP 1,27/ 12-FWL-10/.../...	1010259	100
16	FP 1,27/ 16-FWL-10/.../...	1010258	100
20	FP 1,27/ 20-FWL-10/.../...	1010257	100
26	FP 1,27/ 26-FWL-10/.../...	1010256	100
32	FP 1,27/ 32-FWL-10/.../...	1010255	100
40	FP 1,27/ 40-FWL-10/.../...	1010246	100
50	FP 1,27/ 50-FWL-10/.../...	1010254	100
68	FP 1,27/ 68-FWL-10/.../...	1010253	100
80	FP 1,27/ 80-FWL-10/.../...	1010252	100

Technical data

Connection system / type of contact	Fine Pitch 1,27 mm / Female connector
Range of positions	12 ... 80
Locking	-
Connection method	Displacement connection
Assembly variant	Assembly variant 10
Cable length	Free input (0.05 ... 0.95 m)
Electrical parameters	
Nominal current	1.2 A IEC 60512-5-2:2002-02 (50-pos.)
Test voltage	500 V AC IEC 60512-4-1:2003
Contact resistance	≤10 mΩ, (IEC 60512-2-1:2002-02)
General data	
Fixed installation ambient temperature	-
Insertion and withdrawal force per contact	approx. 0.5 N
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

Assembled IDC female connector, IDC connection, Pitch: 1.27 mm

FP 1,27/...-FWL



new



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.
12	FP 1,27/ 12-FWL-11/.../...	1010580	100
16	FP 1,27/ 16-FWL-11/.../...	1010251	100
20	FP 1,27/ 20-FWL-11/.../...	1010250	100
26	FP 1,27/ 26-FWL-11/.../...	1010248	100
32	FP 1,27/ 32-FWL-11/.../...	1010247	100
40	FP 1,27/ 40-FWL-11/.../...	1010581	100
50	FP 1,27/ 50-FWL-11/.../...	1010245	100
68	FP 1,27/ 68-FWL-11/.../...	1010244	100
80	FP 1,27/ 80-FWL-11/.../...	1010243	100

Technical data

Connection system / type of contact	Fine Pitch 1,27 mm / Female connector
Range of positions	12 ... 80
Locking	-
Connection method	Displacement connection
Assembly variant	Assembly variant 11
Cable length	Free input (0.05 ... 0.95 m)
Electrical parameters	
Nominal current	1.2 A (50-pos.)
Test voltage	500 V AC
Contact resistance	≤10 mΩ, (IEC 60512-2-1:2002-02)
General data	
Fixed installation ambient temperature	-
Insertion and withdrawal force per contact	approx. 0.5 N
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

UL