31 2,5 MSFWQ

Minimodul™ connectors, pitch 2.5 mm

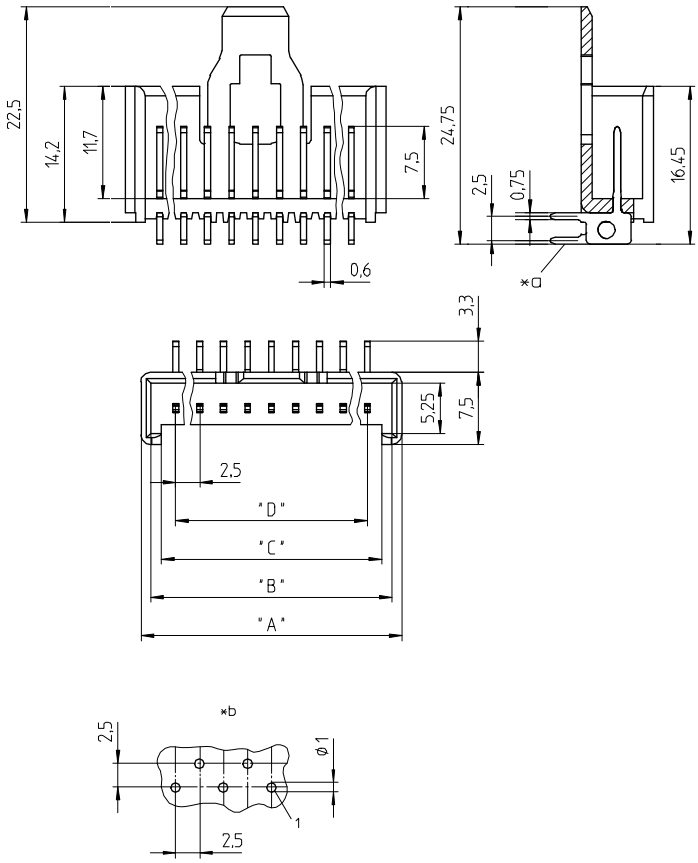


Minimodul™ pin header, angular, with locking latch, solder contacts dual row staggered

State: Phasing out

Approvals:

31 2,5 MSFWQ



*a for bore hole in printed circuit board Ø 1 mm

*b printed circuit board layout, solder side view

*c 2 pole connection with crimp connector 3114/3111 only with special version 2,5 MSFWQ 02 (3114)

Environmental conditions

Temperature range	-40 °C/+120 °C [1]

[1] upper limit temperature (insulating body) RTI (electrical) of the UL Yellow Card

Materials

Insulating body	PA GF, V-0 according to UL94 [1]
Contact pin	CuZn, pre-nickel and tin-plated

[1] component glow wire resistant (GWT 750 °C), testing acc. to IEC 60695-2-11, assessment acc. to IEC 60335-1 (flame < 2 s)

Electrical data (at T_{amb} 20 °C)

Rated current	5 A (T_U 60 °C)
Rated voltage	160 V AC
Material group	IIIa (IEC)/2 (UL) (CTI ≥ 250)
Creepage distance	1,9 mm
Clearance	1,9 mm
Insulation resistance	> 1 GΩ

Associated products

Counterparts

2,54 MKB | 2,54 MKBL | 3114

4143 01

31 2,5 MSFWQ

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions			
				A (mm)	B (mm)	C (mm)	D (mm)
2,5 MSFWQ 02 (3114)	2	250	2000	7.9	5.9	4.3	2.5 *c
2,5 MSFWQ 02	2	250	2000	9.7	7.7	5.5	2.5
2,5 MSFWQ 03	3	250	2000	12.2	10.2	8.0	5.0
2,5 MSFWQ 04	4	250	2000	14.7	12.7	10.5	7.5
2,5 MSFWQ 05	5	250	2000	17.2	15.2	13.0	10.0
2,5 MSFWQ 06	6	250	2000	19.7	17.7	15.5	12.5
2,5 MSFWQ 07	7	250	2000	22.2	20.2	18.0	15.0
2,5 MSFWQ 08	8	250	2000	24.7	22.7	20.5	17.5
2,5 MSFWQ 09	9	250	2000	27.2	25.2	23.0	20.0
2,5 MSFWQ 10	10	250	2000	29.7	27.7	25.5	22.5
2,5 MSFWQ 11	11	250	2000	32.2	30.2	28.0	25.0
2,5 MSFWQ 12	12	250	2000	34.7	32.7	30.5	27.5
2,5 MSFWQ 13	13	250	2000	37.2	35.2	33.0	30.0
2,5 MSFWQ 14	14	250	2000	39.7	37.7	35.5	32.5
2,5 MSFWQ 15	15	250	2000	42.2	40.2	38.0	35.0
2,5 MSFWQ 16	16	250	2000	44.7	42.7	40.5	37.5
2,5 MSFWQ 17	17	250	2000	47.2	45.2	43.0	40.0
2,5 MSFWQ 18	18	250	2000	49.7	47.7	45.5	42.5
2,5 MSFWQ 19	19	200	2000	52.2	50.2	48.0	45.0
2,5 MSFWQ 20	20	200	2000	54.7	52.7	50.5	47.5

Packaging:
in bulk, in a cardboard box