

30 MICS/SMD

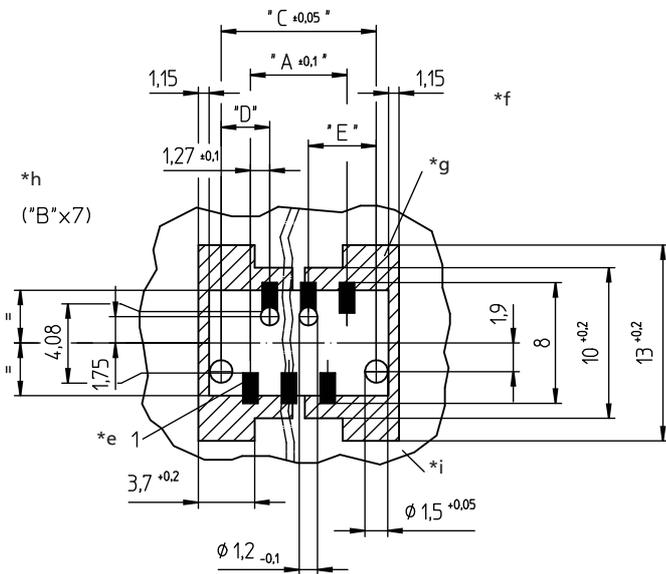
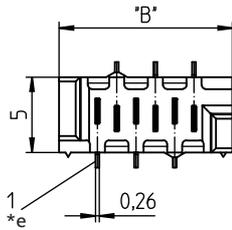
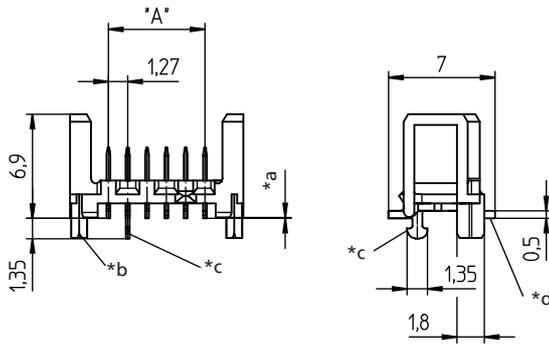
Micromodul™ connectors, pitch 1.27 mm



Micromodul™ tab header, upright, in surface mount technology (SMT), solder contacts dual row staggered, with press-fit spigots, in bulk, with retaining hooks

Approvals:  

30 MICS/SMD



Environmental conditions

Temperature range -40 °C/+140 °C¹

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

Materials

Insulating body PA GF, V-0 according to UL94
Contact tab CuZn, pre-nickel and tin-plated – MICS/SMD
CuZn, pre-nickel and gold-plated – MICS/SMD AU

Mechanical data

Expression force contact tab from insulating body ≥ 7 N/contact

Electrical data (at T_{amb} 20 °C)

Rated current 1,2 A
Rated voltage 80 V AC
(250 V AC without consideration of creepage and clearance distances according to IEC 60664/DIN EN 60664)
Material group II (IEC)/1 (UL) (CTI ≥ 450)
Creepage distance 0,97 mm
Clearance 0,97 mm
Insulation resistance > 1 GΩ

30 MICS/SMD

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- *a coplanarity max. 0.1 mm
 - *b press-fit spigot
 - *c contact with retaining hook (12–16 pole one, 18–26 pole two)
 - *d SMT solder area, contact bearing surface 0.3 x 1.2 mm
 - *e contact 1
 - *f printed circuit board layout, components side view
 - *g necessary space for use of pull-off tongs AZ30
 - *h component area (B x 7)
 - *i recommended thickness of circuit board 1.5 ± 0.14 mm
 - *k bore hole for contact with retaining hook

30 MICS/SMD

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions				
				A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
MICS/SMD 04	4	1000	2000	3.81	8.86	7.66	-	-
MICS/SMD 06	6	1000	2000	6.35	11.40	10.20	-	-
MICS/SMD 08	8	1000	2000	8.89	13.94	12.74	-	-
MICS/SMD 10	10	1000	2000	11.43	16.48	15.28	-	-
MICS/SMD 12	12	500	1000	13.97	19.02	17.82	10.82	-
MICS/SMD 14	14	500	1000	16.51	21.56	20.36	10.82	-
MICS/SMD 16	16	500	1000	19.05	24.10	22.90	10.82	-
MICS/SMD 18	18	500	1000	21.59	26.64	25.44	10.82	7.00
MICS/SMD 20	20	500	1000	24.13	29.18	27.98	10.82	9.54
MICS/SMD 26	26	500	1000	31.75	36.80	35.60	13.35	14.62
MICS/SMD 04 0,4 AU	4	1000	2000	3.81	8.86	7.66	-	-
MICS/SMD 06 0,4 AU	6	1000	2000	6.35	11.40	10.20	-	-
MICS/SMD 10 0,4 AU	10	1000	2000	11.43	13.94	12.74	-	-

Packaging:

in bulk, in a cardboard box