

SPECIFICATIONS

Current Rating: 3 AMP

Voltage Rating: 100V RMS/150V DC

Insulation Resistance: 5000MΩ Min at V=100V.

Contact Resistance: 10mΩ Max

Dielectric Voltage: 1000V AC for one minute

Sleeve retention force: 2.5Kg/contact Min

Accepted pin Ø0.381-0.635mm

Test pin: polished steel gauge Ø0.432mm

Insertion force: 270g typ. Max.

Withdrawal force: 90g typ. Min

Mechanical life cycle : 100 cycles Min

Operation Temperature: -55°C to +105°C

Soldering temperature: 260±5°C, 5S

MATERIAL

Insulator: PPS+30%G.F, UL94V-0

Contact Clip: 4 finger, beryllium copper

Sleeve: Brass

NOTE

With Center Support: 18P~28P

W/O One Central Support: 4P~20P, 28P

ORDER INFORMATION

5 M C 1 M 3 0 X - 3 X X X X B T U 0000 - 0 2

A: With Central Support
B: W/O Central Support

Distance
between Rows
3: 0.3" (7.62mm)

No. of contacts

S0: Selective
SA: 5u"
SB: 10u"
SF: 15u"
T0: Tin Plated

B: Black

T: Tube w/o cap

RoHS

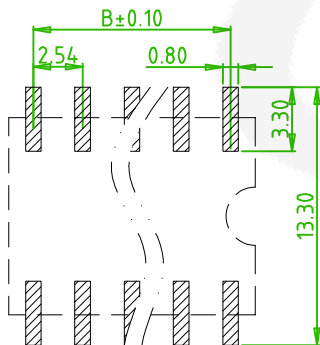
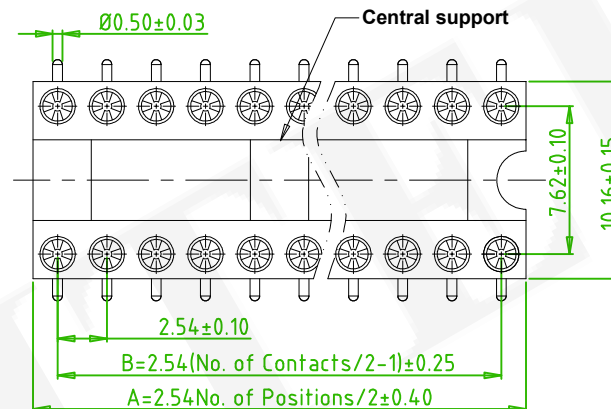


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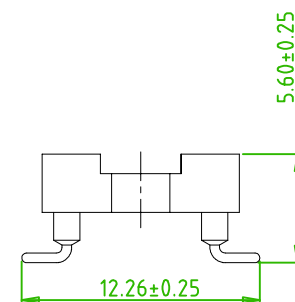
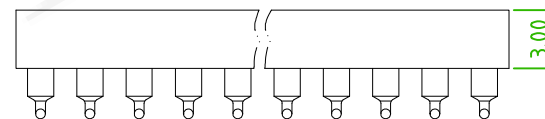
2023.01.16

Released DCC

No. of Positions	DIM"A"	DIM"B"
04	5.08	2.54
06	7.62	5.08
08	10.16	7.62
10	12.70	10.16
14	17.78	15.24
16	20.32	17.78
18	22.86	20.32
20	25.40	22.86
22	27.94	25.40
24	30.48	27.94
28	35.56	33.02



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



 耀德精密有限公司 Amtek Technology Co., Ltd. TEL: 886-2-2260-6878 FAX: 886-2-2260-8030	品名 TITLE	2.54mm MACHINE PIN SOCKET IC SMT TYPE				頁數 Page	1/1
	品號 PART NO.	5MC1M30X-3XXXXBTU-0000-02				繪圖 DRAWN	Benson 2023/01/16
	圖號 DRAWING NO.	GN005-BE253	版本 REV.	A	核對 CHECKED	Josh 2023/01/16	
	客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Josh 2023/01/16	
	公差 TOLERANCE	.X ±0.35 .XX ±0.25	X° ±2°	單位 UNIT	mm	THIRD ANGLE PROJECTION	