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SERIES: SSK03-MPH-254 | DESCRIPTION: RECTANGULAR CONNECTOR

FEATURES

- male pin header
- 2.54 mm pitch
- straight pins
- double row
- gold flash



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				250	V
rated current				3	A
dielectric withstanding voltage	at 2 mA cut-off current for 1 minute		500		Vac
contact resistance	measured at 1 kHz AC, 100 mA			20	mΩ
insulation resistance	at 1,000 Vdc for 1 minute	1,000			MΩ
retention force	per pin	0.7			kgf
insertion force	per pin			0.3	kgf
withdrawal force	per pin	0.05			kgf
life			100		cycles
operating temperature		-40		105	°C
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	for 3±0.5 seconds	240	245	250	°C

PART NUMBER KEY

SSK03 - MPH - 254 - B XX

Base Number

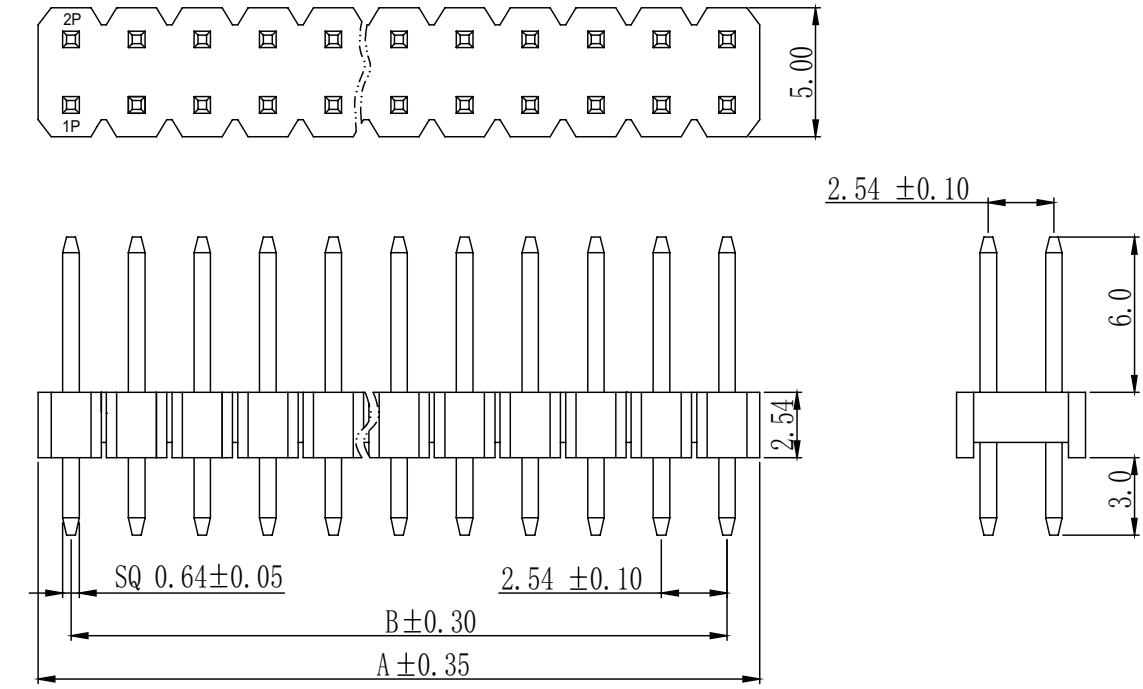
No. of Poles:

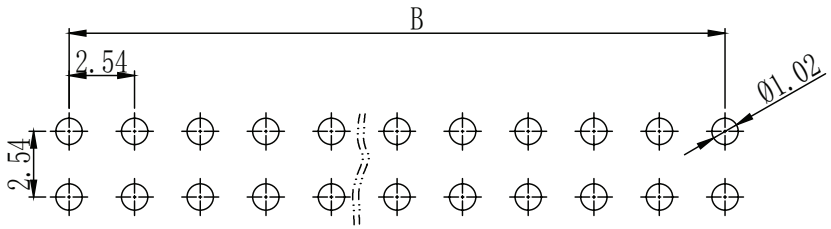
2	12
3	13
4	14
5	15
6	16
7	17
8	18
9	19
10	20
11	

MECHANICAL DRAWING

units: mm
tolerance:
X.X ±0.30 mm
X.XX ±0.20 mm
X.XXX ±0.15 mm
unless otherwise noted

DESCRIPTION	MATERIAL	PLATING/COLOR
housing	PA6T (UL94V-0)	black
contacts	brass	0.2 µ" min gold flash over nickel





Recommended PCB Layout
Top View

This series is constructed of single piece modules where A & B are length dimensions and N is the number of poles.												
N	02	03	04	05	06	07	08	09	10	11	12	13
A	4.78	7.32	9.86	12.40	14.94	17.48	20.02	22.56	25.10	27.64	30.18	32.72
B	2.54	5.08	7.62	10.16	12.70	15.24	17.78	20.32	22.86	25.40	27.94	30.48
N	14	15	16	17	18	19	20					
A	35.26	37.80	40.34	42.88	45.42	47.96	50.50					
B	33.02	35.56	38.10	40.64	43.18	45.72	48.26					

REVISION HISTORY

rev.	description	date
1.0	initial release	03/04/2026

The revision history provided is for informational purposes only and is believed to be accurate.

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Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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