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SERIES: SSK07-FPH-100 | DESCRIPTION: RECTANGULAR CONNECTOR

FEATURES

- female pin header
- 1.0 mm pitch
- SMT pins
- double row
- gold flash

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				125	V
rated current				0.75	A
dielectric withstanding voltage	at 2 mA cut-off current for 1 minute		500		Vac
contact resistance	measured at 1 kHz AC, 100 mA			30	mΩ
insulation resistance	at 500 Vdc for 1 minute	1,000			MΩ
retention force	per pin	0.3			kgf
insertion force	per pin			0.18	kgf
withdrawal force	per pin	0.02			kgf
life			100		cycles
operating temperature		-40		105	°C
flammability rating	UL94V-0				
RoHS	yes				

PART NUMBER KEY

SSK07 - FPH - 100 - B **XX**

Base Number

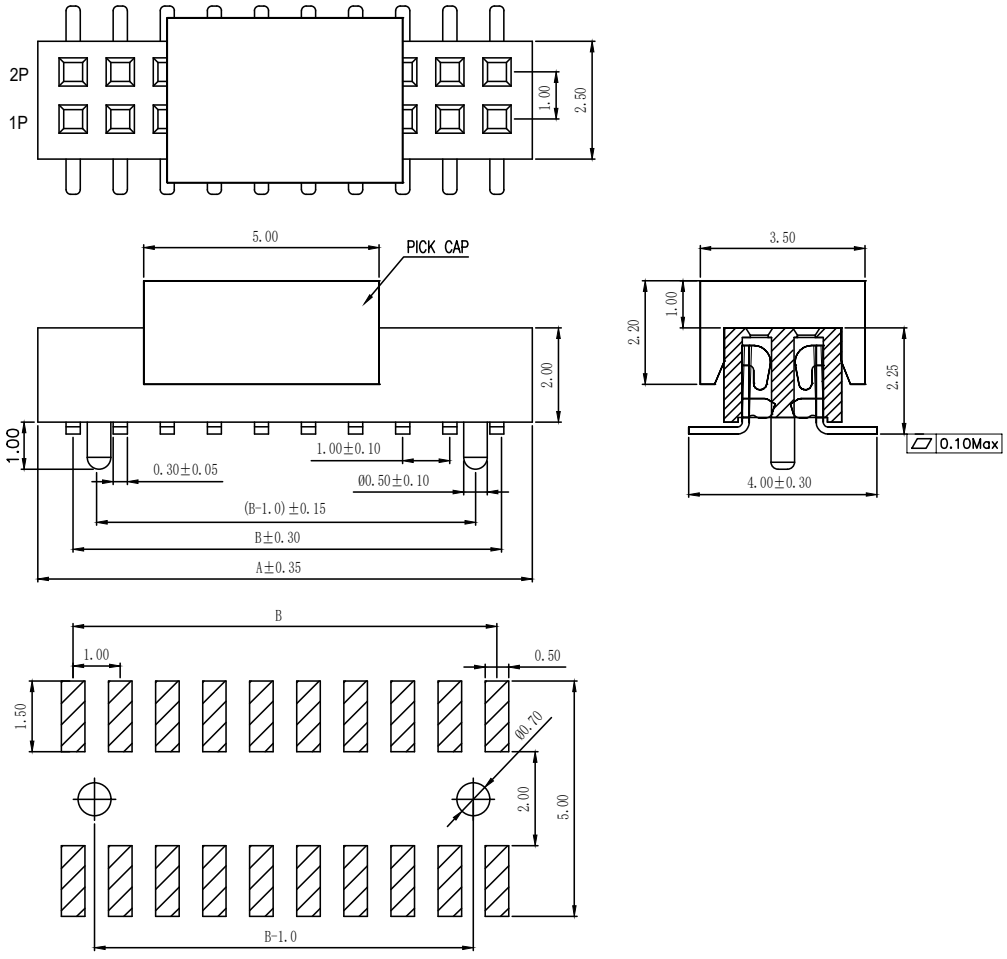
No. of Pins

2 = 2x2	12 = 2x12
3 = 2x3	13 = 2x13
4 = 2x4	14 = 2x14
5 = 2x5	15 = 2x15
6 = 2x6	16 = 2x16
7 = 2x7	17 = 2x17
8 = 2x8	18 = 2x18
9 = 2x9	19 = 2x19
10 = 2x10	20 = 2x20
11 = 2x11	

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	phosphor Bronze	0.2 µ" min gold flash over nickel

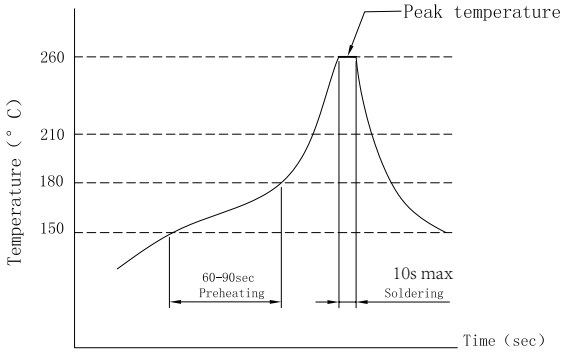


Recommended PCB Layout
Top View

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
A	2.50	3.50	4.50	5.50	6.50	7.50	8.50	9.50	10.50	11.50
B	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00
N	12	13	14	15	16	17	18	19	20	
A	12.50	13.50	14.50	15.50	16.50	17.50	18.50	19.50	20.50	
B	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	

SOLDERABILITY

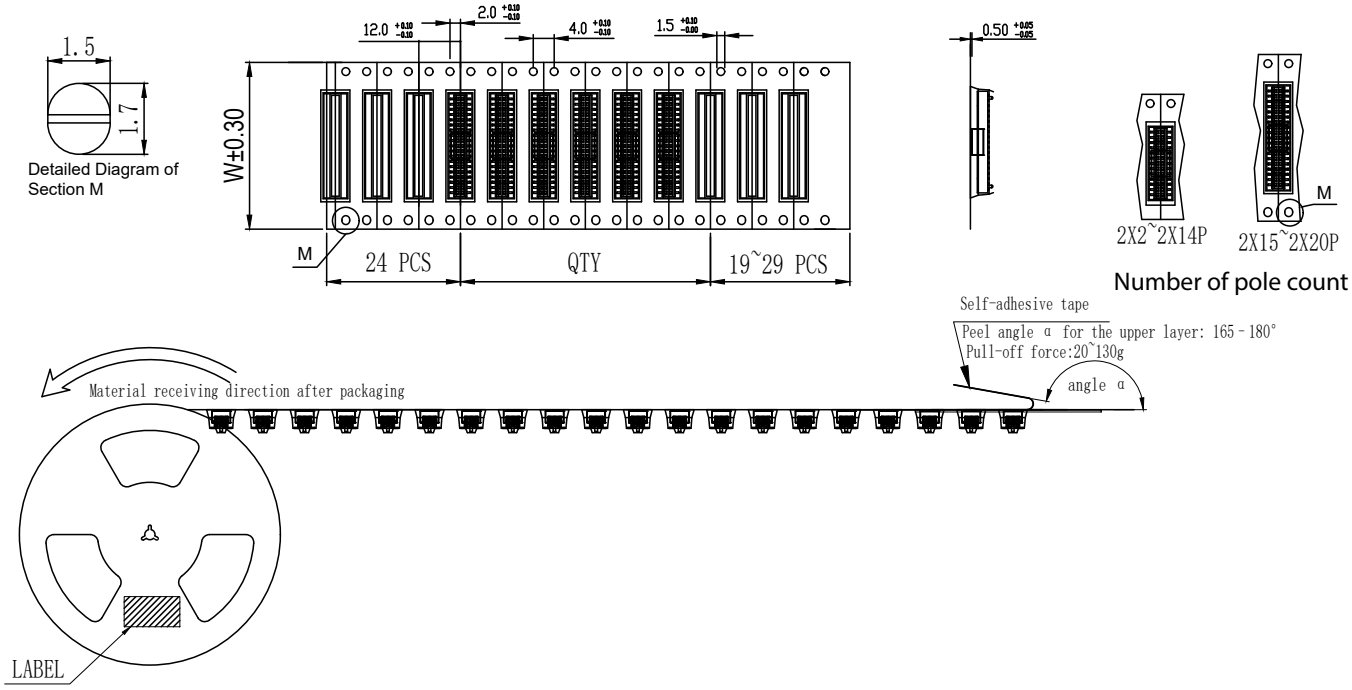
parameter	conditions/description	min	typ	max	units
reflow soldering				260	°C



PACKAGING

units: mm

Reel Size: Ø330 mm



Tape Dimensions					
#Pins	W (mm)	QTY	#Pins	W (mm)	QTY
2	16.0	1,500	12	24.0	2,000
3	16.0	1,500	13	24.0	1,500
4	16.0	1,800	14	24.0	1,800
5	16.0	1,500	15	32.0	1,500
6	16.0	1,200	16	32.0	1,500
7	16.0	1,500	17	32.0	1,500
8	24.0	1,500	18	32.0	1,500
9	24.0	1,500	19	32.0	1,500
10	24.0	2,000	20	32.0	1,500
11	24.0	1,500			

REVISION HISTORY

rev.	description	date
1.0	initial release	10/22/2026

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

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