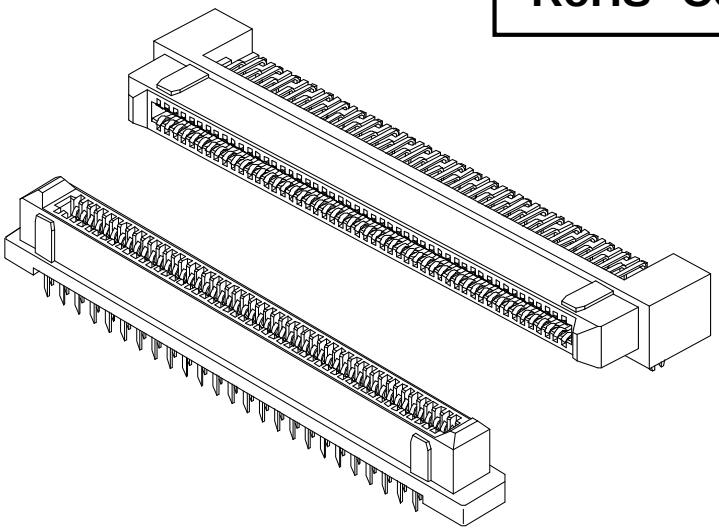
NEW

0.8mm Pitch Board to Board Connector

KX24/ 25 Series

CONNECTOR
MB-0182-1
February 2008

RoHS Compliant



The KX24/ 25 Series is a 0.8mm pitch board to board connector developed to meet the need for lighter, more compact, high density connectors for use in various office appliances, such as PPCs and printers, and measuring devices.

Features

- Robust type with mating guide, suitable for rack and panel mounting
- Assuring click response when mated
- Trough-hole type board connection available in vertical and horizontal directions
- High contact reliability with long contact stroke.
- Non-pin type connector structure durable to twists caused by mating.

General Specifications

■No. of Contacts :
80, 100, 120, 140, 180 pos.

■Contact Resistance:
70m ohm max. (initial)

■Dielectric Withstanding Voltage:
AC 500V per minute

■Rated Current:
0.5A per contact

■Insulation Resistance:
100M ohm min.(initial)

■Operating Temperature:
40 Deg. C to +80 Deg. C

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Materials and Finishes

Components	Materials/ Finishes
Insulator	Glass filled PBT
Contact	Copper alloy/ Contact area: 0.1um min. Au plating over Ni, Terminal area: Reflow Sn plating over Ni
Hook Pin	Copper alloy/ Reflow Sn plating
Locator	Glass filled PBT

Ordering Information

KX24 - *** R - ** - H 1

- Series
- No. of Contacts: 80, 100, 120, 140, 180 pos.
- Contact Type R: Socket
- Terminal Configuration: 6ST: Straight through hole; LT: Angle through hole
- H: With hook pin
- 1: 0.1 um min. Au plating

KX25 - *** P - ** - H 1

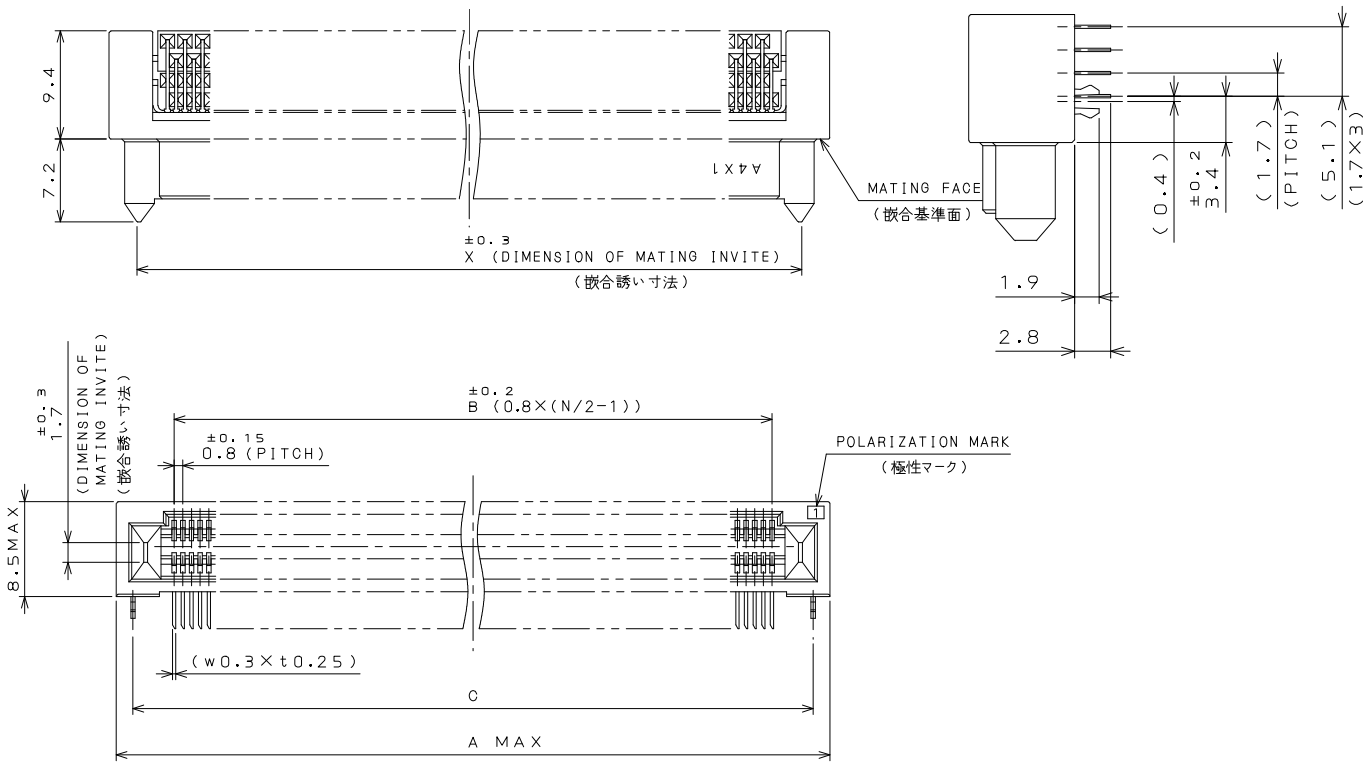
- Series
- No. of Contacts: 80, 100, 120, 140, 180 pos.
- Contact Type P: Pin
- Terminal Configuration: LT: Angle through hole
- H: With hook pin
- 1: 0.1 um min. Au plating

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Product Drawing

KX24-***R-LT-H1

(Receptacle side, Angle type)

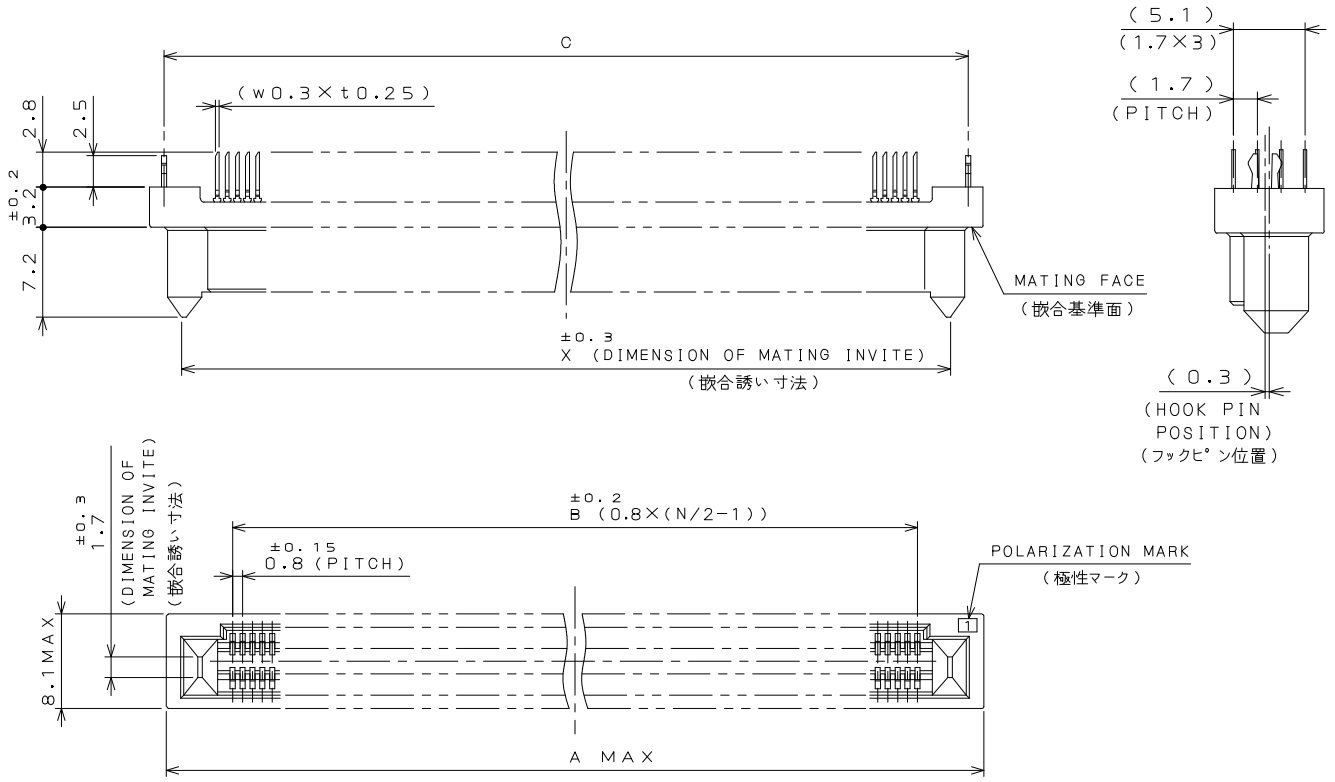


NUMBER OF CONTACTS 芯数:N	DIMENSION 寸法			
	A	B	C	X
80	42.2	31.2	38.8	36.8
100	50.2	39.2	46.8	44.8
120	58.2	47.2	54.8	52.8
140	66.2	55.2	62.8	60.8
180	82.2	71.2	78.8	76.8

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KX24-***R-6ST-H1

(Receptacle side, Straight type)

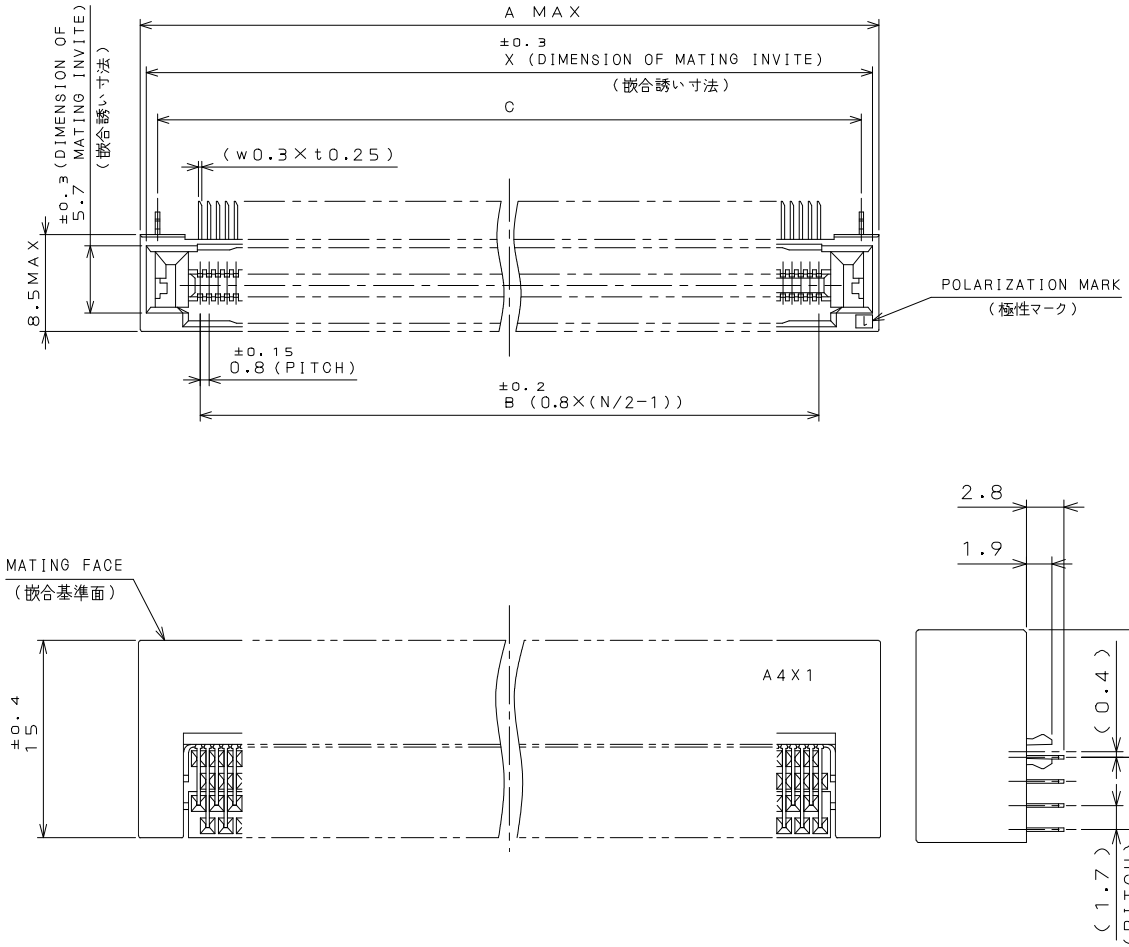


NUMBER OF CONTACTS 芯数:N	DIMENSION 寸法			
	A	B	C	X
80	42.2	31.2	39.6	36.8
100	50.2	39.2	47.6	44.8
120	58.2	47.2	55.6	52.8
140	66.2	55.2	63.6	60.8
180	82.2	71.2	79.6	76.8

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KX25-***P-LT-H1

(Pin side, Angle type)

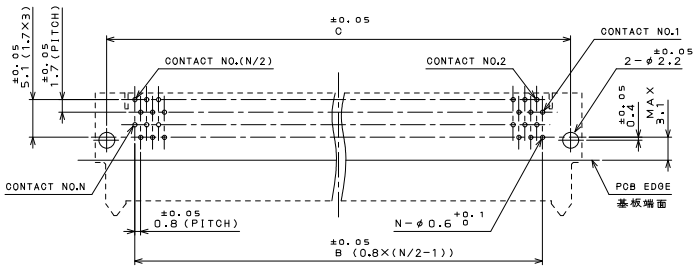


NUMBER OF CONTACTS 芯数：N	DIMENSION 寸法			
	A	B	C	X
80	42.2	31.2	38.8	40.8
100	50.2	39.2	46.8	48.8
120	58.2	47.2	54.8	56.8
140	66.2	55.2	62.8	64.8
180	82.2	71.2	78.8	80.8

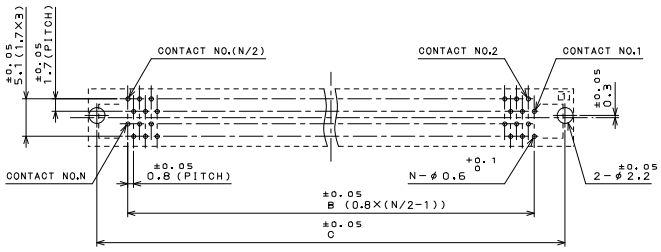
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<Applicable Board Dimensions>

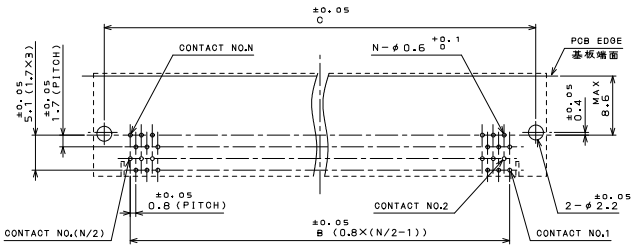
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<KX24-*R-6ST-H1>**



<KX25-*P-LT-H1>**



Drawing Number

Part Number	SJ Drawing	Specifications
KX24-***R-6ST-H1	SJ101384	JACS-10201
KX24-***R-LT-H1	SJ101385	
KX25-***P-LT-H1	SJ101386	

Test Report: SR-C-0510

Notice: Products shown in this leaflet are made for the applications listed below. However, if the above-mentioned products are to be used in aerospace devices, marine cable-connection devices, atomic power control systems, medical equipment for life-support systems, or any other specific application requiring extremely high reliability, please contact JAE for further information.
Recommended applications: computers, office machines, measuring devices, telecommunication devices (terminals, mobile devices), AV devices, household applications, FA devices, etc.

Japan Aviation Electronics Industry, Limited

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