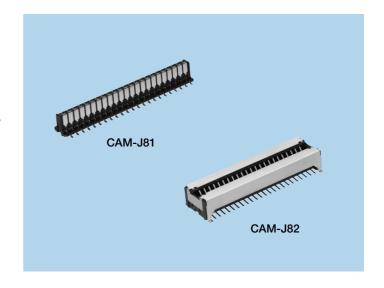
Detach Connectors CAM-J81, CAM-J82

Connectors

FEATURES

- 1. A 46-pole Connector that is used for connection/disconnection between the operating panel and a unit.
- 2. The deviation absorption amount at fitting is ±0.7mm in the X direction, ±0.4mm in the Y direction, and ±0.5mm in the Z direction.
- 3. At pulling out, the connector is pushed out by light repulsive power.
- 4. Supports reflow mounting.



HOW TO ORDER

1. CAM-J81

$$\frac{\text{J81}}{1} - \frac{046}{2} - 210 - \text{ANGAA}$$

1 Series No. (J81)

2 No. of contacts (046: 46pins)

2. CAM-J82

$$\frac{\text{J82}}{1} - \frac{046}{2} - 210 - \text{ANGAA}$$

1 Series No. (J82)

2 No. of contacts (046: 46pins)

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 The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Rated Voltage	14V DC	
Rated Current	1A	
Withstanding Voltage	500V AC (rms) 1minute	
Insulation Resistance	500MΩ min. (500V DC)	
Contact Resistance	$100 \mathrm{m}\Omega$ max.	

MECHANICAL CHARACTERISTICS

Life (Matching Cycle)	30,000 times
Total Insertion Force	16.0N max.
Total Withdrawal Force	16.0N max.
Using Temperature Range	−30~+85°C

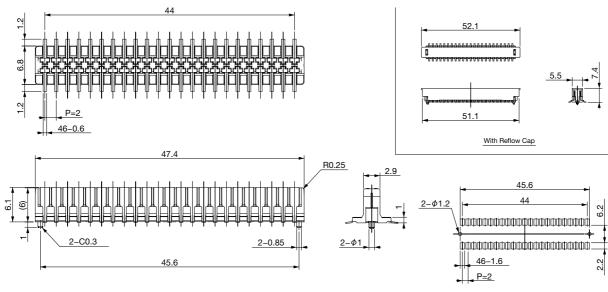
MATERIAL & FINISH

Com	ponent Parts	Material	Finish
CAM-J81	Housing	LCP resin	(Black)
	Contact Pin	Copper alloy	Gold plating
	Cap	LCP resin	(Black)
CAM-J82 Housing Contact Pin Shell Polymid Tape	Housing	LCP resin	(Black)
	Contact Pin	Copper alloy	Gold plating
	Shell	Copper	Tin reflow plating
	Polymid Tape	Polymid resin	(Brown)

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DIMENSIONS

CAM-J81



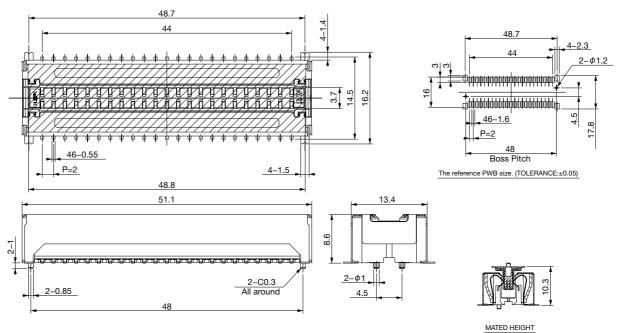
- NOTES
 1) The coplanarity of this connector is equal to or less than 0.1mm.
 2) There is not derectional of the mounting.

The reference PWB size. (TOLERANCE:±0.05)

Unit: mm

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CAM-J82



- NOTES
 1) The coplanarity of this connector is equal to or less than 0.1 mm.
 2) There is no specific position (reversible) for mounting.
 3) Mated condition angle should not exceed 1 degree.

Unit: mm