

Rectangular Connectors

IAM-G63, CAM-G62 Series

Connectors

FEATURES

1. These are external connectors for connecting different units. CAM-G62 is the surface mounting type and IAM-G63 is the L type.
2. Power supply pin (6 poles) is provided. There are two types of power supply pins available depending on the user's application: the 6-pole type and the 2-pole type.
3. There are four coupling keys available, so there is no risk of miscoupling when using several of the same connector.
4. The pressure connection type with coupling pitch of 1mm and 2mm is utilized.



HOW TO ORDER

1. IAM-G63 Series (Cable Ass'y)

G63- -5550
 1 2 3

- 1 Series No. (G63 : L type)
- 2 No. of contacts (030 : 30pins)
- 3 Supplementary symbol

A : Key-typeA	Housing Black
B : Key-typeB	Housing Blue
C : Key-typeC	Housing Green
D : Key-typeD	Housing Orange

2. CAM-G62 Series

G62- -050-BGGAA-
 1 2 3

- 1 Series No. (G62 : SMT type)
- 2 No. of contacts (030 : 30pins)
(026 : 26pins)
- 3 Supplementary symbol

A : Key-typeA	Housing Black
B : Key-typeB	Housing Blue
C : Key-typeC	Housing Green
D : Key-typeD	Housing Orange

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Rated Voltage	14V DC
Rated Current	Signal pin : 0.5A, Power Supply : 2A (6pins)
Withstanding Voltage	300V AC 1minute
Insulation Resistance	100MΩ min.
Contact Resistance	100mΩ max.

MECHANICAL CHARACTERISTICS

Life (Matching Cycle)	5000
Total Withdrawal Force	1.96~29.4N
Lock Strength	49N min.
Using Temperature Range	-30~+85°C

WIRE SIZES

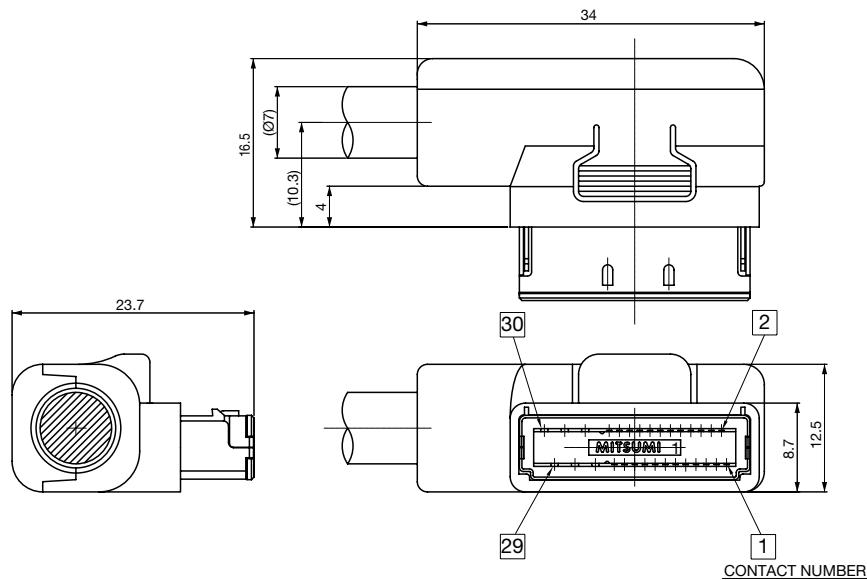
Wire	Wire Sizes	Wire Covering Diameter (unit : mm)
Signal	AWG26-32	Ø0.7 max.
Power Supply	AWG22-28	Ø1.3 max.

MATERIAL & FINISH

Component Parts		Material	Finish
IAM-G63 Series	Housing	PBT resin	(Each color)
	Contact	Copper Alloy	Gold plating · Solder plating
	Shielded Case	Stainless	—
	Case	PBT resin	(Black)
	Clampar	Steel	Plating steel plate
CAM-G62 Series	Housing	46 Nylon	(Each color)
	Contact	Copper Alloy	Gold plating · Solder plating
	Metal Cover	Copper Alloy	Solder plating

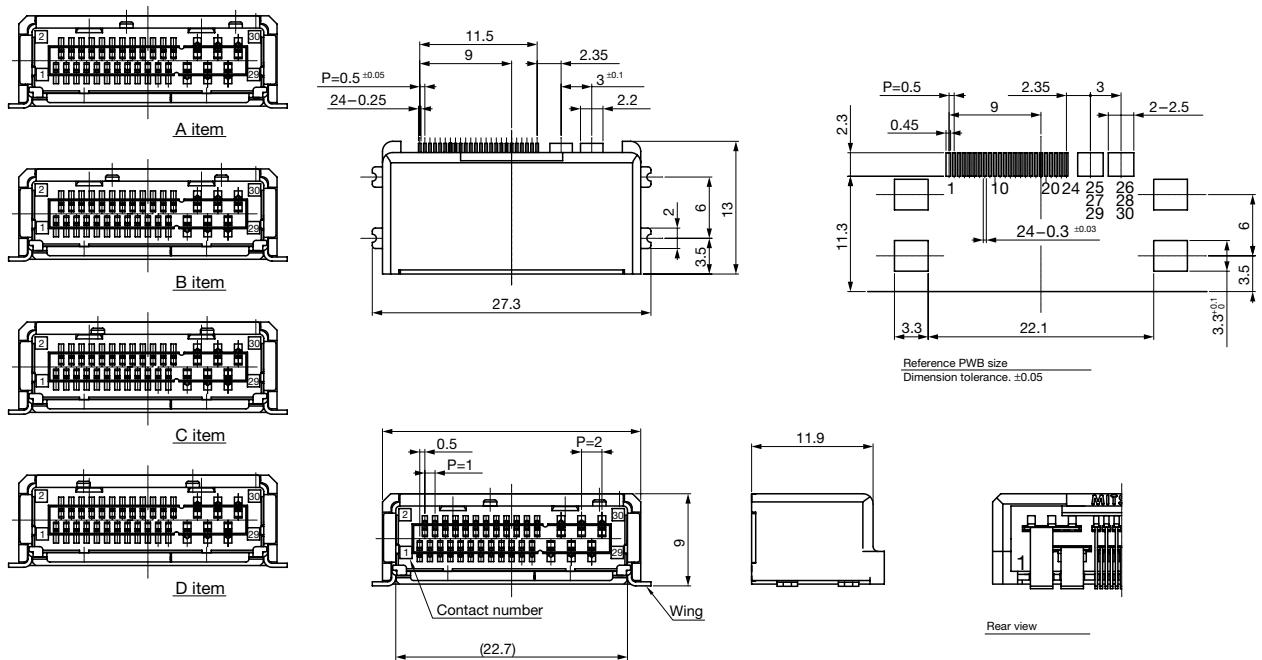
DIMENSIONS

IAM-G63 Series (G63-030-5550-□)



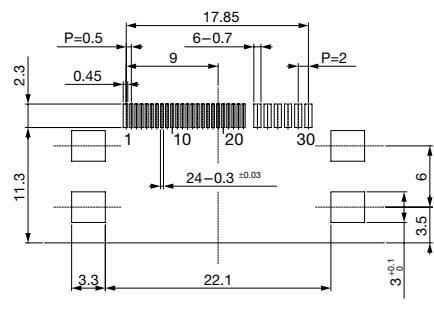
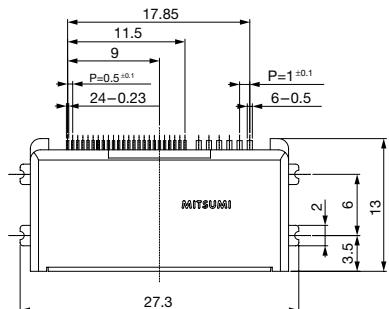
Unit : mm

CAM-G62 Series (G62-026-050-BGGAA-□)

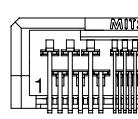
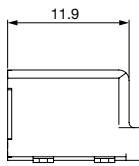
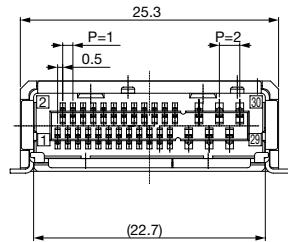


Unit : mm

CAM-G62 Series (G62-030-050-BGGAA-□)



Reference PWB size
Dimension tolerance ±0.05



Rear view

Unit : mm