

# Memory Stick™ Duo Connectors CIM-G24 Series

## OUTLINE

1. SMT-type connector for Memory Stick Duo.
2. Equipped with push-in, push-out eject mechanism.
3. Ideal for portable devices! Ultra-thin type, only 2.3mm high.
4. Space-saving, with width of 23.5mm and length of 27.8mm (not including leads).
5. Equipped with half lock to prevent card from falling out, and full lock mechanism when coupled.

\*Memory Stick™ is a registered trademark of SONY Corporation.



## HOW TO ORDER

**G24-010-21 0-A G G E**  
1 2 3 4 5 6 7 8

1. Series No. (G24)
2. No. of contacts (010 : 10pins)
3. Housing material (21 : LCP resin)
4. UL grade (0: UL94-V0)
5. Contact plating (A : Gold)
6. Contact plating thickness (G: 0.3μm)
7. Contact style (G: Angle)
8. Package (E: Taping)

## SPECIFICATIONS

### ELECTRICAL CHARACTERISTICS

Rated Voltage	AC 50V (rms)
Rated Current	0.5A
Withstanding Voltage	500V AC (rms) 1minute
Insulation Resistance	1000MΩ min. (Initial 500V DC)
Contact Resistance	40mΩ max.

### MECHANICAL CHARACTERISTICS

Life (Matching Cycle)	12,000 times
Card Insertion Force	4.90N (0.5kgf)~8.83N (0.9kgf)
Eject Force	4.90N (0.5kgf)~8.83N (0.9kgf)
Using Temperature Range	-25~+60°C max. 95%

## MATERIAL & FINISH

Component Parts	Material	Finish
Housing	LCP resin	(Black)
Contact	Copper Alloy	Gold plating
Plate	Copper Alloy	-
Half Lock	SUS	-
Slider	PA9T resin	(Black)
Coil Spring	SUS	-
Lock Pin	SUS	-
Lock Spring	SUS	-
Shaft	SUS	-

## DIMENSIONS

### CIM-G24 Series

