

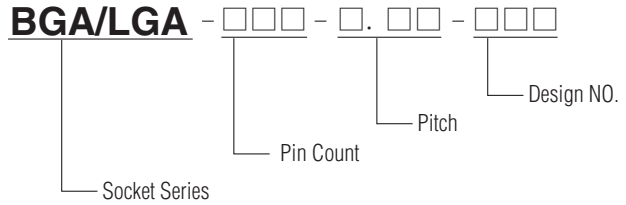
# BGA/LGA

## BALL/LAND GRID ARRAY



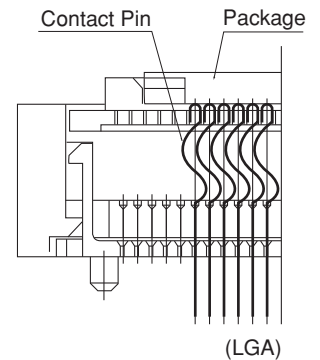
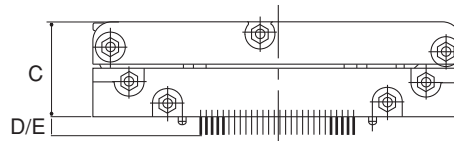
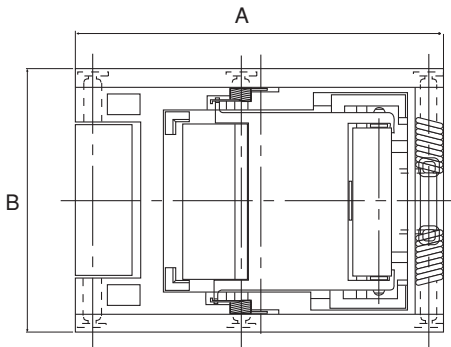
※RoHS compliant

### ORDERING PROCEDURE



Specification / 仕様	
Contact resistance (Initial) 接触抵抗 (初期値)	100mΩ (At 10 mA)
Maximum voltage 耐電圧	AC700V RMS (for 1 minute)
Insulation resistance 絶縁抵抗	1,000 MΩ or higher (At DC 500V)
Rated current 許容電流値	1A
Operating temperature range 仕様温度	-65°C ~ +150°C
Terminal strength against pulling 端子抜け強度	0.5Kg (1 min)
Insertion 機械寿命	Min. 5,000 times (mechanical)
MATERIAL / 材質	
Body 本体	PEI, PES
Contact コンタクトピン	BeCu, Au plating (Ni-base)

## APPLICABLE IC DIMENSIONS & SOCKET DIMENSIONS



### IC SOCKET DIMENSIONS

Unit: mm (in.)

	APPLICABLE IC DIMENSIONS (REF.) & OUTSIDE DIMENSIONS (REF.)				
	A	B	C	D(LGA)	E(BGA)
153 series	42 (1.654)	38 (1.496)	25.5 (1.004)	6 (0.236)	3.8 (0.150)
255 series	52 (2.047)	38 (1.496)	25.5 (1.004)	6 (0.236)	3.8 (0.150)
441 series	74 (2.913)	55 (2.165)	max 25.4 (1.000)	6 (0.236)	3.8 (0.150)
841 series	84.8 (3.339)	62.8 (2.472)	25 (0.984)	6 (0.236)	3.8 (0.150)
1,089 series	96 (3.779)	70 (2.755)	25.4 (1.000)	5 (0.196)	3 (0.118)

# Applicable IC/BGA • LGA CLAM SHELL TYPE SOCKET

## 441 SERIES

Unit: mm (in.)

PART NO.	APPLICABLE IC DIMENSIONS (REF.)							REMARKS
	BODY SIZE	GRID	ROW/ARRAY	LEADS NUMBER	PITCH	MATERIAL	THICKNESS INCL. LEADS	
BGA-121(441)-1.27-01	15×15	11×11	Fully Array	121	1.27	PBGA	2.13 (0.084)	
BGA-256(441)-1.27-01	27×27	20×20	Fully Array	256	1.27	PBGA	2.2 (0.087)	
BGA-303(441)-1.27-01	21×25	16×19	Fully Array	303	1.27	CBGA	1.8 (0.071)	
BGA-357(441)-1.27-01	25×25	19×19	Fully Array	357	1.27	CBGA	1.76 (0.069)	
BGA-360(441)-1.27-01	25×25	19×19	Fully Array	360	1.27	CBGA	2.56 (0.101)	
BGA-361(441)-1.27-01	25×25	19×19	Fully Array	361	1.27	PBGA	1.76 (0.069)	

## 841 SERIES

BGA-313(841)-1.27-01	35×35	25×25	Staggered	313	1.27	PBGA	2.57 (0.101)	
BGA-352(841)-1.27-01	35×35	26×26	P. 4ROW	352	1.27	PBGA	2.33 (0.092)	
BGA-380(841)-1.27-10	31×31	24×24	P. 5ROW	380	1.27	TBGA	1.97 (0.077)	
BGA-432(841)-1.27-10	31×31	24×24	P. 6ROW	432	1.27	TBGA	1.97 (0.077)	
BGA-479(841)-1.27-01	40×40	29×29	P. 5ROW	479	1.27	PBGA	2.76 (0.109)	
BGA-480(841)-1.27-12	33×33	26×26	P. 6ROW	480	1.27	TBGA	1.97 (0.077)	
BGA-503(841)-1.27-01	40×40	29×29	P. 5ROW	503	1.27	PBGA	2.85 (0.122)	
BGA-624(841)-1.27-01	32.5×32.5	25×25	Fully Array	624	1.27	CBGA	6.8 (0.267)	

## 1089 SERIES

BGA-560(1089)-1.27-03	42.5×42.5	33×33	P.5ROW	560	1.27	PBGA	1.38 (0.054)	
BGA-571(1089)-1.27-01	40×40	31×31	P.6ROW	571	1.27	TBGA	1.96 (0.077)	

- Depopulated version available.
- Same type LGA sockets available
- P=PERIPHERAL