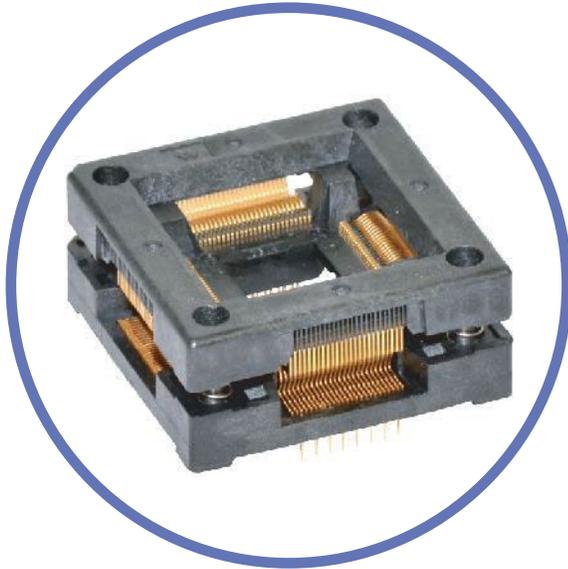


3000 SERIES QFP & TQFP



Features

- Open Top
- Reduced Lid Activation Force
- Auto Load Compatible
- Package Alignment
- 0.4mm pitch Corner Lead Guide plus Alignment Rails
- 0.5mm pitch Corner Lead Guide
- Modular tooling provides maximum flexibility to meet most lead form and pin count combinations
- Thru Hole Design with staggered tail out to ease board routing



SPECIFICATIONS

Socket Body: PPS, PEI or Equivalent	PPS, PEI or Equivalent
Contact	Beryllium Copper Alloy (Spinodal optional)
Contact Plating	Gold over Nickel
Contact Normal Force	25 grams
Contact Resistance	<65 mΩ
Dielectric	1000V AC RMS for 1 minute
Temperature Rating	150°C
Current Rating	1.0 Amp
Durability	10,000 cycles

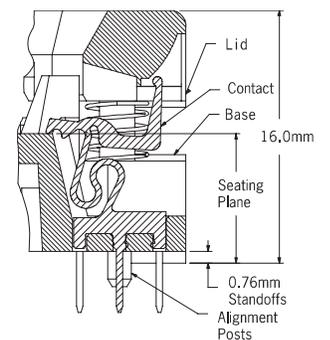
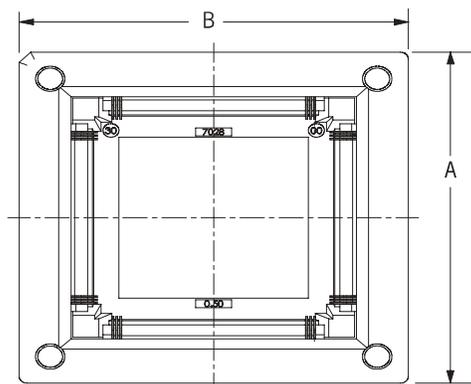
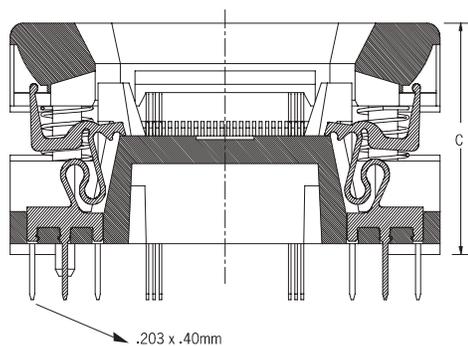
Package Size	Lead Count	Pitch e (mm)	DimA XB(mm)	M0-112 3.9 Id form	M0-108/ MS-022 3.2 Id form	M0-143 2.6 Id form	M0-136/MS- 026 2/0 Id form	Notes
7x7	32	0.8	28.3 x 28.3				3007-032-X-07	
	48	0.5	28.3 X 28.4				3007-048-X-07	
10x10	44	0.8	29.3 X 29.3					
	44	0.8	31.3 X 31.3	3510-044-X-08	3310-044-X-08			
	52	0.65	29.3 X 29.3				3010-052-X-08	
	52	0.65	31.3 X 31.3	3510-052-X-08	3310-052-X-08			
12x12	64	0.5	29.3 X 29.3				3010-064-X-08	
	80	0.5	35.3 X 35.3				3012-080-X-08	
14x14	64	0.8	33.3 X 33.3				3014-064-X-08	
	64	0.8	35.3 X 35.3		3314-064-X-08			
	80	0.65	33.3 X 33.3				3014-080-X-08	
	80	0.65	35.3 X 35.3		3314-080-X-08			
	100	0.5	33.3 X 33.3				3014-100-X-08	
	120	0.4	35.3 X 35.3				3014-120-X-X8*	
	128	0.4	33.3 X 33.3				3014-128-X-X8*	
14x20	100	0.65	32.0 X 38.0				3042-100-X-08	Consult Factory
	100	0.65	35.3 X 41.3	3542-100-X-07	3342-100-X-07			
	128	0.5	32.0 X 38.0			3242-128-X-07* *	3042-128-X-08	**Consult Factory
	128	0.5	35.3 X 41.3		3342-128-X-07			
20x20	112	0.65	39.3 X 39.3				3020-112-X-08	
	128	0.5	39.3 X 39.3				3020-128-X-X8	Consult Factory
	144	0.5	39.3 X 39.3				3020-144-X-08	
24x24	160	0.5	43.3 X 43.3				3024-160-X-X8*	
	176	0.5	43.3 X 43.3				3024-176-X-X8*	
28x28	144	0.65	49.3 X 49.3		3328-144-X-08			
	160	0.65	49.3 X 49.3	3528-160-X-08	3328-160-X-08			
	208	0.5	49.3 X 49.3			3228-208-X-08	3028-208-X-08	



DIMENSIONS

Tolerance, unless otherwise noted:

All dimensions are in millimeters [inches]





ORDERING OPTIONS

Family	3	X	XX	XXX	X	X	X
Lead Form							
Package Size							
Lead Count							
Contact Material							
7: Lead Count Riveted Lid							
8: Lid with Nails							
E = Thermal Button							
G = Electrical Ground Button							

0: 2.0mm MS-026
2: 2.6mm MS-029
3: 3.2mm MS-022
5: 3.9mm MD-112

0: Standard, Without Rails
1-6: Rail Positions
7-9: Custom Configuration



WARNINGS



RISK OF MATERIAL DAMAGE AND HOT ENCLOSURE

- The product's side panels may be hot, allow the product to cool before touching
- Follow proper mounting instructions including torque values
- Do not allow liquids or foreign objects to enter this product

Failure to follow these instructions can result in serious injury, or equipment damage.



HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARCH FLASH

- Disconnect all power before installing or working with this equipment
- Verify all connections and replace all covers before turning on power

Failure to follow these instructions will result in death or serious injury.

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