

| 790 SERIES

OPEN TOP QFN



Features

- 0.4mm, 0.5mm, 0.65mm, and 8mm pitch
- Low cost design using stamped cantilever contact
- Staggered, through hole tail design for BIB design consideration
- ACTIVE ALIGNMENT: Active IC guide feature improving on package alignment accuracy
- Optimal thermal contact for package e-pad
- Solutions for Power Devices (Consult your Sales Rep)
 - Multiple ePad Pin
 - Thermal Buttons/Slugs



SPECIFICATIONS

Materials and Specifications

Body Materials	PES or Equivalent
Contact Material	Beryllium Copper Alloy
Contact Plating	Gold
Contact Force	20~25 grams for leaded and lead-free devices
Contact Resistance	<200mΩ
Temperature Rating	150°C
Durability	10,000 cycles min.

Pitch e (mm)	Pad Count	Pad Matrix	Package Size (mm)	Part Number
0.4	16	even	3 X 3	790-62016-101
	16	even	3 X 3	790-62016-101X
	20	odd	3 X 3	790-61020-101
	20	odd	3 X 3	790-61020-101X
	28	odd	4 X 4	790-61028-101
	28	odd	4 X 4	790-61028-101X
	32	even	4 X 4	790-62032-101
	32	even	4 X 4	790-62032-101X
	36	odd	5 X 5	790-61036-101
	36	odd	5 X 5	790-61036-101X
	40	even	5 X 5	790-62040-101
	40	even	5 X 5	790-62040-101X
	48	even	6 X 6	790-62048-101
	48	even	6 X 6	790-62048-101X
	48	even	7 X 7	790-62048-102
	48	even	7 X 7	790-62048-102X
	56	even	7 X 7	790-62056-101
	56	even	7 X 7	790-62056-101X
	64	even	8 X 8	790-62064-101
	64	even	8 X 8	790-62064-101X
	64	even	2.5 X 2.5	790-62064-102
	64	even	2.5 X 2.5	790-62064-102X
	68	odd	8 X 8	790-61068-101
	68	odd	8 X 8	790-61068-101X
	72	even	9 X 9	790-62072-101
	72	even	9 X 9	790-62072-101X
	76	odd	9 X 9	790-61076-101
	76	odd	9 X 9	790-61076-101X
	80	even	9 X 9	790-62080-101
	80	even	9 X 9	790-62080-101X
	88	even	10 X 10	790-62088-101
	88	even	10 X 10	790-62088-101X
100	odd	12 X 12	790-61100-101	
100	odd	12 X 12	790-61100-101X	
128	odd	12 X 12	790-61108-101	
128	odd	12 X 12	790-61108-101X	
0.5	8	even	3 X 3	790-42008-101
	8	even	3 X 3	790-42008-101X
	10	odd	3 X 3	790-41010-101
	10	odd	3 X 3	790-41010-101X

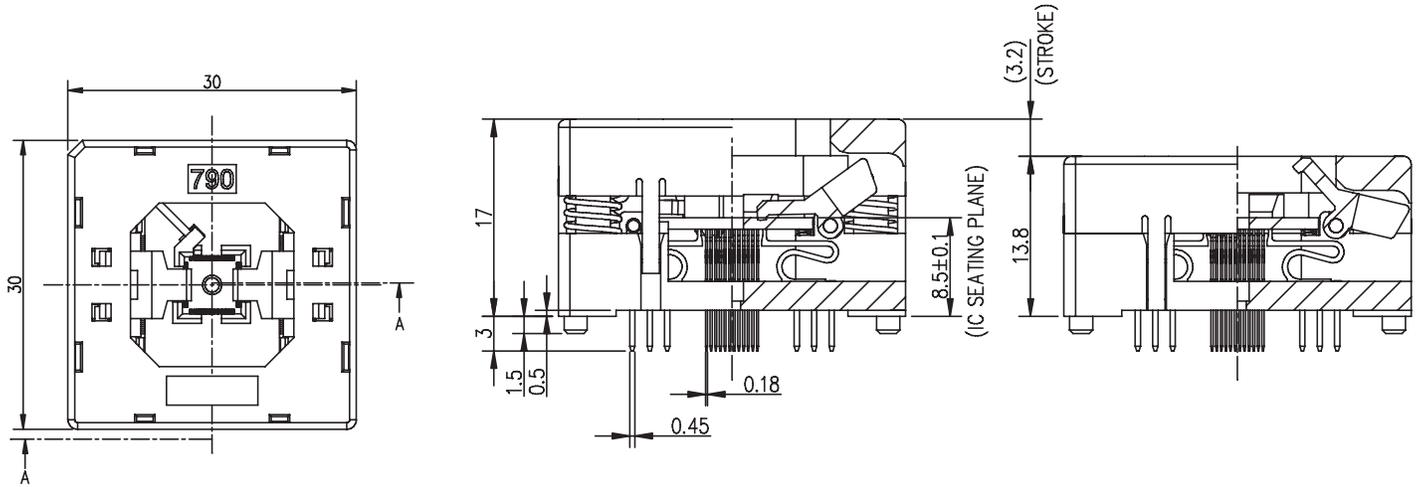
Pitch e (mm)	Pad Count	Pad Matrix	Package Size (mm)	Part Number
0.5	12	odd	3 X 3	790-41012-101
	12	odd	3 X 3	790-41012-101X
	16	even	3 X 3	790-42016-101
	16	even	3 X 3	790-42016-101X
	16	odd	3 X 3	790-41016-101
	16	odd	3 X 3	790-41016-101X
	20	even	3 X 4	790-42020-201
	20	even	3 X 4	790-42020-201X
	20	odd	4 X 4	790-41020-101
	20	odd	4 X 4	790-41020-101X
	24	even	4 X 4	790-42024-101
	24	even	4 X 4	790-42024-101X
	28	odd	5 X 5	790-41028-101
	28	odd	5 X 5	790-41028-101X
	32	even	5 X 5	790-42032-101
	32	even	5 X 5	790-42032-101X
	32	even	6 X 6	790-42032-102
	32	even	6 X 6	790-42032-102X
	36	odd	6 X 6	790-41036-101
	36	odd	6 X 6	790-41036-101X
	40	even	6 X 6	790-42040-101
	40	even	6 X 6	790-42040-101X
	44	odd	7 X 7	790-41044-101
	44	odd	7 X 7	790-41044-101X
	44	even	7 X 7	790-42044-101
	44	even	7 X 7	790-42044-101X
	48	even	7 X 7	790-42048-101
	48	even	7 X 7	790-42048-101X
	52	odd	8 X 8	790-41052-101
	52	odd	8 X 8	790-41052-101X
	56	even	8 X 8	790-42056-101
	56	even	8 X 8	790-42056-101X
	60	odd	9 X 9	790-41060-101
	60	odd	9 X 9	790-41060-101X
	64	even	9 X 9	790-42064-101
	64	even	9 X 9	790-42064-101X
	68	odd	10 X 10	790-41068-101
	68	odd	10 X 10	790-41068-101X
	72	even	10 X 10	790-42072-101
	72	even	10 X 10	790-42072-101X

Pitch e (mm)	Pad Count	Pad Matrix	Package Size (mm)	Part Number
0.5	80	even	12 X 12	790-42080-101
	80	even	12 X 12	790-42080-101X
	88	even	12 X 12	790-42088-101
	88	even	12 X 12	790-42088-101X
0.8	28	even	7 X 7	790-11028-101
	28	even	7 X 7	790-11028-101X
	28	even	7 X 7	790-11028-102
	28	even	7 X 7	790-11028-102X
0.65	16	even	4 X 4	790-32016-101
	16	even	4 X 4	790-32016-101X
0.95	6	odd	3 X 3	790-91006-101X
2.00	16	even	8 X 8	790-92016-101



DIMENSIONS AND DIAGRAMS

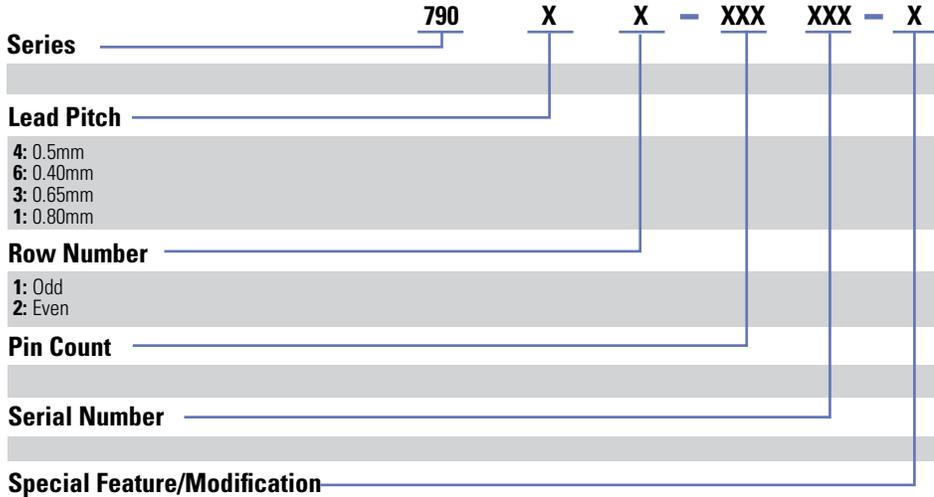
Dimensions in mm





DESCRIPTION & ORDERING INFO

Example : 790 X X - XXX XXX - X



- Lead Pitch**
- 4: 0.5mm
 - 6: 0.40mm
 - 3: 0.65mm
 - 1: 0.80mm

- Row Number**
- 1: Odd
 - 2: Even

- Special Feature/Modification**
- T**: with Thermal Pin (consult factory)
 - G**: Ground Pin
 - XXX**: Special

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