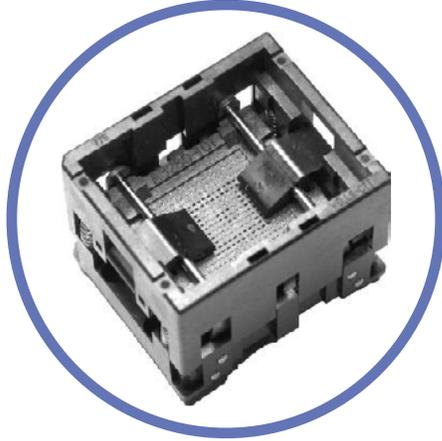


# 776P SERIES

## OPEN TOP QFN



### Features

- Smallest Open Top QFN Socket outline in the industry
- Thru hole design
- Robust design built for auto-loading
- Proven contact design - tip modified to accommodate land pads
- High performance / low cost achieved through use of carrier loaded stamped contact
- Low actuation force
- Optimal thermal pins for package e-pad



## SPECIFICATIONS

### Materials and Specifications

<b>Body Materials</b>	PES, PEI, LCP, or Equivalent
<b>Contact Material</b>	Beryllium Copper Alloy
<b>Contact Plating</b>	Gold
<b>Contact Force</b>	12 grams average
<b>Contact Resistance</b>	200~300 mΩ
<b>Temperature Rating</b>	150°C
<b>Durability</b>	10,000 cycles min.

Pitch e (mm)	Pad Count	Pad. Matrix	Package Size (mm)	Part Number
0.50	16	even	4 X 4	776P4016-101
	24	even	4 X 4	776P4024-101
	24	even	4 X 4	*776P4024-102
	28	odd	5 X 5	776P4028-101
	28	odd	5 X 5	*776P4028-102
	32	even	5 X 5	776P4032-101
	32	even	5 X 5	*776P4032-102
	32	even	6 X 6	776P4032-901

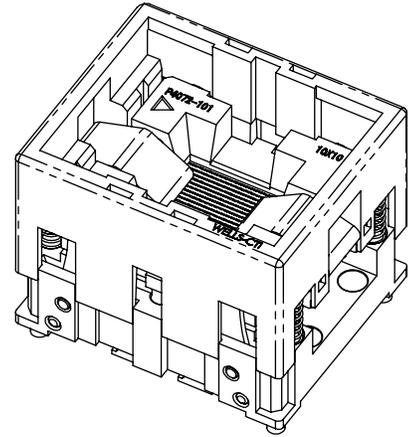
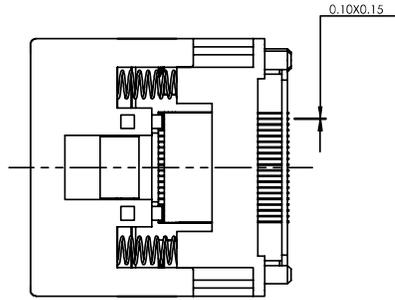
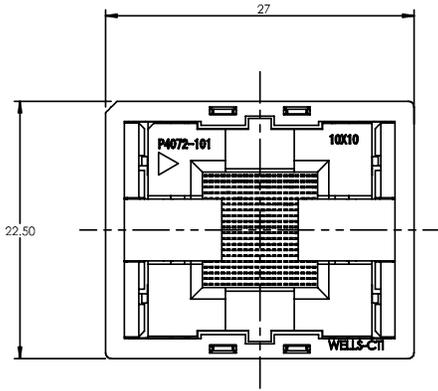
Pitch e (mm)	Pad Count	Pad. Matrix	Package Size (mm)	Part Number
0.50	32	even	6 X 6	*776P4032-902
	36	odd	6 X 6	776P4036-101
	36	odd	6 X 6	*776P4036-102
	40	even	6 X 6	776P4040-101
	40	even	6 X 6	*776P4040-102
	44	odd	7 X 7	776P4044-101
	44	odd	7 X 7	*776P4044-102
	48	even	7 X 7	776P4048-101
	48	even	7 X 7	*776P4048-102
	48	even	8 X 8	776P4048-901
	48	even	8 X 8	*776P4048-902
	52	odd	8 X 8	776P4052-101
	52	odd	8 X 8	*776P4052-102
	56	even	8 X 8	776P4056-101
	56	even	8 X 8	*776P4056-102
	60	odd	9 X 9	776P4060-101
	60	odd	9 X 9	*776P4060-102
	64	even	9 X 9	776P4064-101
	64	even	9 X 9	*776P4064-102
	68	odd	10 X 10	776P4068-101
68	odd	10 X 10	*776P4068-102	
72	even	10 X 10	776P4072-101	
72	even	10 X 10	*776P4072-102	

\* With Thermal Pins



# DIMENSIONS AND DIAGRAMS

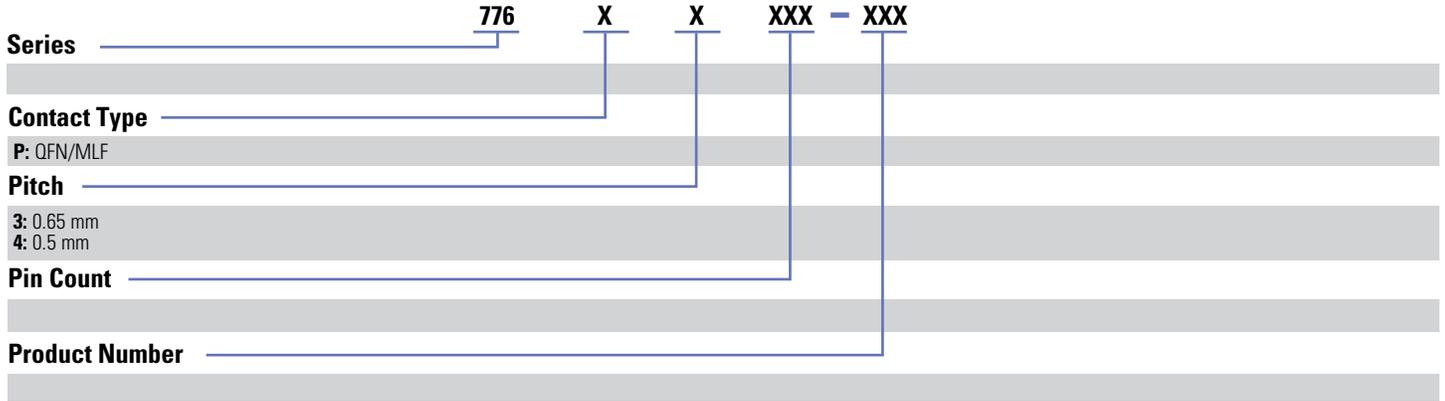
Dimensions in mm (inches)





## DESCRIPTION & ORDERING INFO

Example : 776 X X XXX-XXX



Revised 02/06/18

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