


5. 1. 7. Nozzle

- The size of nozzle

Please choose nozzles according to the shape and size of components.

Table 1-1 Nozzle

Model	XN03	XN07	XN14	XN22	XN40	XN75
Illustration						
Inner diameter	0.3mm	0.7mm	1.4mm	2.2mm	4mm	7.5mm

- Reference of nozzle selection

In order to assure placement accuracy, please select nozzles according to the shape and size of components.

Table 1-2 Size comparison of nozzles

Size	Minimum diameter	Recommendation
XN03	0.2mm	0201,0402
XN07	0.5mm	0402,0603,0805,diode
XN14	1.2mm	1206,1210,1812,2010,SOT23,5050
XN22	2.0mm	SOP series ICs,SOT89,SOT223,SOT252
XN40	4.0mm	ICs from 5 to 12mm
XN75	7.5mm	ICs bigger than 12mm

	size		size
0201	0.6*0.3	0402	1.0*0.5
0603	1.6*0.8	0805	2.0*1.2
1206	3.2*1.6	1210	3.2*2.5
1812	4.5*3.2	2010	5.0*2.5
SMA	4.0*2.5	SMB	4.0*3.3
SMC	6.6*5.6	SOT23	3*1.4
SOT89	4.5*2.5	SOT223	6.4*3.7
TO252	6.5*6.3		