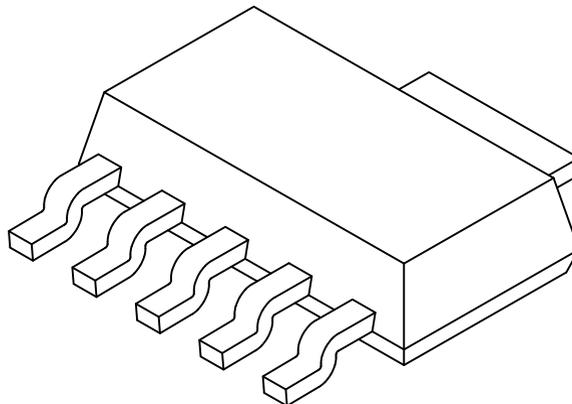


5-Lead Plastic Small Outline Transistor (N7X) [SOT-223]

Note: For the most current package drawings, please see the Microchip Packaging Specification located at <http://www.microchip.com/packaging>



		Units	MILLIMETERS		
Dimension Limits			MIN	NOM	MAX
Number of Leads	N		5		
Lead Pitch	e		1.27 BSC		
Outside lead pitch	e1		5.08 BSC		
Overall Height	A	-	-	-	1.80
Standoff	A1	0.02	0.06	-	0.10
Molded Package Height	A2	1.55	1.60	-	1.65
Overall Width	E	6.86	7.00	-	7.26
Molded Package Width	E1	3.45	3.50	-	3.55
Overall Length	D	6.45	6.50	-	6.55
Lead Thickness	c	0.24	0.28	-	0.32
Lead Width	b	0.41	0.46	-	0.51
Tab Lead Width	b2	2.95	3.00	-	3.05
Foot Length	L	0.91	-	-	-
Lead Angle	ϕ	0°	-	-	10°

Notes:

1. Dimensions D and E1 do not include mold flash or protrusions. Mold flash protrusions shall not exceed 0.127mm per side.

2. Dimensioning and tolerancing per ASME Y14.5M

BSC: Basic Dimension. Theoretically exact value shown without tolerances.

REF: Reference Dimension, usually without tolerance, for information purposes only.