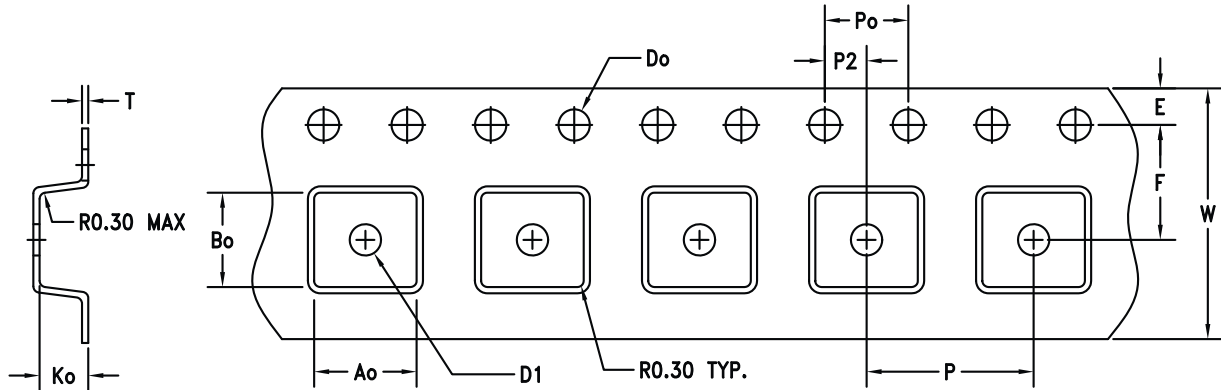


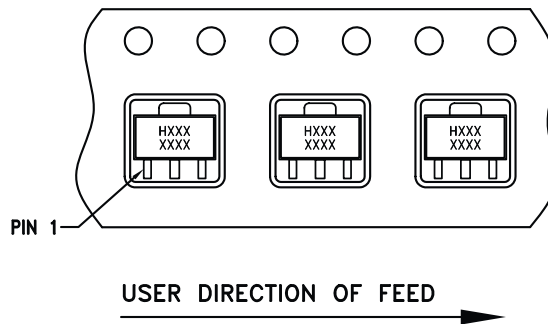
SOT89 TAPE SPECIFICATION (ST89)



COMPONENT ORIENTATION (FORWARD TAPE AND REEL)

CAVITY: ST89

DIMENSION	SPEC
W	12.00 ± 0.30
Do	∅ 1.50 ± 0.05
Po(SEE NOTE 2)	4.00 ± 0.10
E	1.75 ± 0.10
D1	∅ 1.60 MIN.
Ao	4.91 ± 0.10
Bo	4.52 ± 0.10
P	8.00 ± 0.10
P2(SEE NOTE 7)	2.00 ± 0.10
Ko	1.90 ± 0.10
T	0.30 ± 0.05
F (SEE NOTE 7)	5.50 ± 0.10



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS
2. 10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE ±0.2
3. CAMBER NOT TO EXCEED 1mm IN 100mm
4. MATERIAL: CONDUCTIVE /BLACK POLYSTYRENE
5. Ao AND Bo MEASURED ON A PLANE 0.3mm ABOVE THE BOTTOM OF THE POCKET
6. Ko MEASURED FROM A PLANE ON THE INSIDE BOTTOM OF THE POCKET TO THE TOP SURFACE OF THE CARRIER
7. POCKET POSITION RELATIVE TO SPROCKET HOLE MEASURED AS TRUE POSITION OF POCKET, NOT POCKET HOLE