

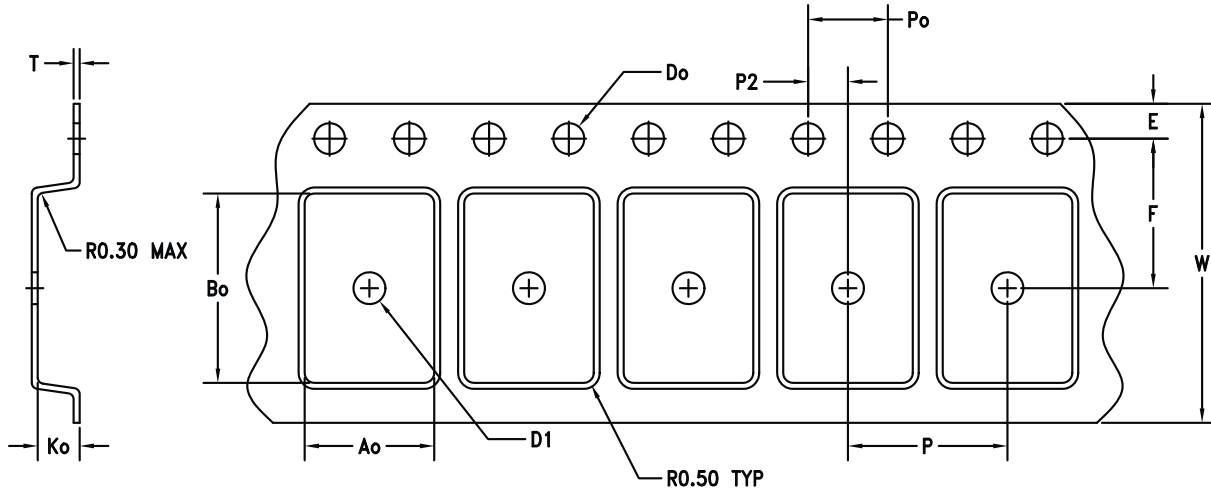
Analog Devices Welcomes Hittite Microwave Corporation

NO CONTENT ON THE ATTACHED DOCUMENT HAS CHANGED

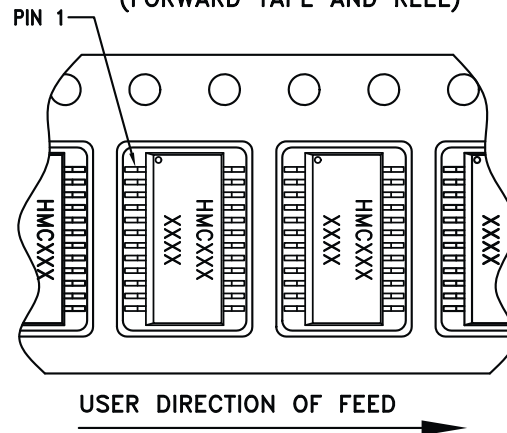


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QSOP 24 TAPE SPECIFICATION (QS24)



COMPONENT ORIENTATION (FORWARD TAPE AND REEL)



CAVITY: QS24

DIMENSION	SPEC
W	16.00 ± 0.30
Do	1.5 $+0.1/-0.0$
Po (SEE NOTE 2)	4.00 ± 0.10
E	1.75 ± 0.10
D1	1.5 DIA MIN
Ao	6.50 ± 0.10
Bo	9.50 ± 0.10
P	8.0 ± 0.10
P2 (SEE NOTE 7)	2.0 ± 0.10
Ko	2.10 ± 0.10
T	0.30 ± 0.05
F (SEE NOTE 7)	7.50 ± 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

