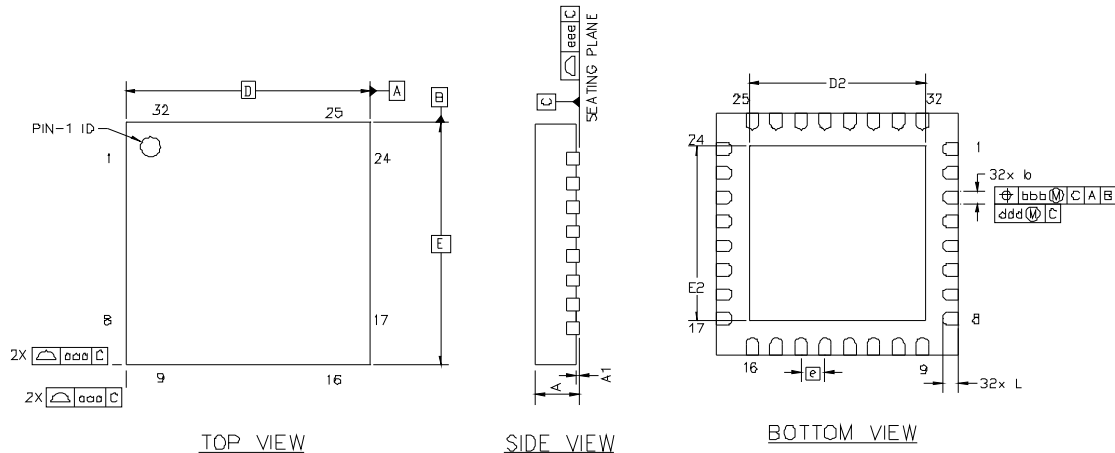


Selected Electrical Specifications

Parameter	Test Conditions	Min	Typ	Max	Units
Ambient temperature		-40	25	85	°C
Analog supply voltage 5 V (VA)		4.5	5	5.5	V
Digital supply voltage 3.3 V (VD)		2.7		3.6	V
Interface supply voltage (VIO)		1.7		3.6	V
Analog supply current			150		mA
Digital supply current			50		mA
Interface supply current (VIO)			5		mA
FM					
Input frequency		64		108	MHz
Tune time			0.9		msec
AF scan time			8		msec
Seek time/channel			35		msec
Max frequency deviation			150		kHz
Maximum RF input voltage			130		dBuV
AM					

Package Outline



Dimensions	Min	Nom	Max
AT	0.80	0.85	0.90
A1	0.00	0.02	0.05
b	0.18	0.25	0.30
D	5.00 BSC.		
D2	3.45	3.60	3.75
e	0.50 BSC.		
E	5.00 BSC.		

Dimensions	Min	Nom	Max
E2	3.50	3.60	3.70
L	0.35	0.40	0.45
aaa	—	—	0.15
bbb	—	—	0.10
ddd	—	—	0.05
eee	—	—	0.08

Notes:

- All dimensions shown are in millimeters (mm) unless otherwise noted.
- Dimensioning and Tolerancing per ANSI Y14.5M-1994.
- This drawing conforms to the JEDEC Solid State Outline MO-220, variation VHHD except for custom features D2, E2, L, and L1 which are toleranced per supplier designation.
- Recommended card reflow profile is per the JEDEC/IPC J-STD-020 specification for Small Body Components.



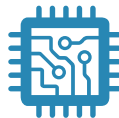
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