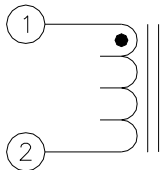
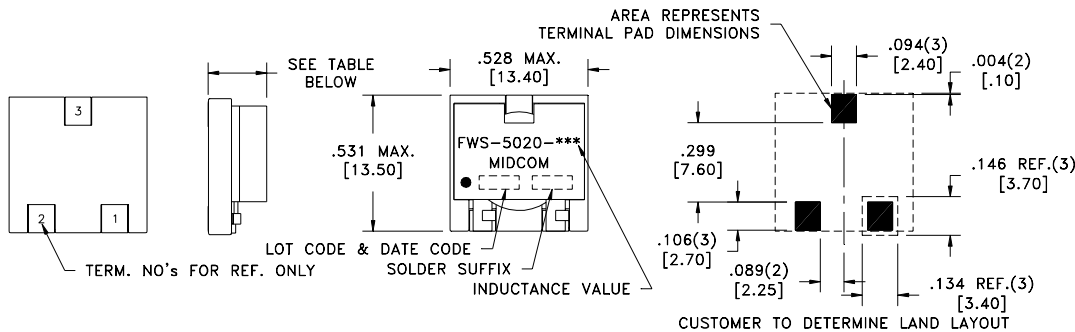


## Flatwire Inductors: FWS-5020 Series



### Features

- Low Profile
- High Saturation Current
- Cost effective
- Low Resistance
- Flat top for pick and place operation
- Operating temperature range from -40°C to +85°C
- Other values optional



Part Number	Inductance $\mu\text{H}$ (Note1)	DCR Max. $\text{m}\Omega$	Isat ADC (Note2)	Lsat $\mu\text{H}$ (Note3)	Icont ADC (Note4)	Max. Height (in.)
FWS-5020-1R0R	1.00	1.75	27.3	0.80	17.2	0.245
FWS-5020-1R0R-A	1.00	1.40	27.4	0.80	18.5	0.260
FWS-5020-3R1R	3.10	5.75	19.0	2.48	12.5	0.260
FWS-5020-4R2R	4.20	4.65	10.5	3.36	12.3	0.220

Note1: Inductance value at 100kHz, 100mV, 0ADC

Note2: The saturating DC current for 20% rolloff from initial

Note3: Inductance when subjected to Isat

Note4: Current causing 40°C temp rise

Details subject to change. Contact your Midcom sales representative for additional information. Dimensions: in/mm. All tolerances are  $\pm 0.10/0.25$  and electrical specifications are @25°C unless otherwise specified.