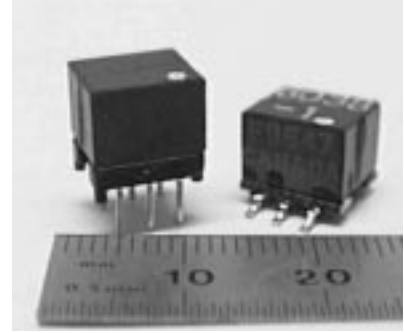


TEW6038 is Wide Band Isolating Transformer with the following features:

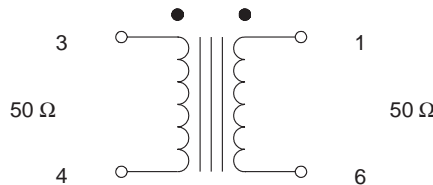
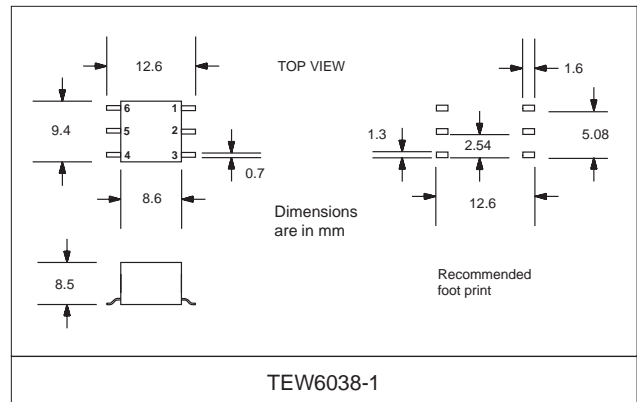
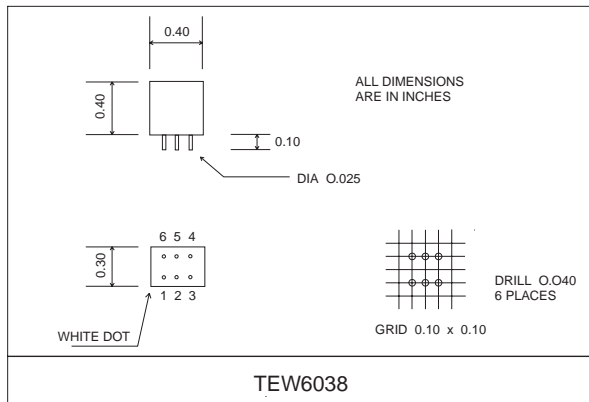
- Small size
- Low cost
- Through hole and SMD.

Applications:

- Galvanic ground/signal ground isolation of primary and secondary circuits, where required
- High speed data transmission, in primary and basic rate applications.



MECHANICAL



ELECTRICAL SPECIFICATION

TEW6038 & -1

Line Impedance	(Ω)	Pri	(1 - 6)	50	
		Sec	(3 - 4)	50	
DCR	(Ω)		(1 - 6)	< 1.5	
			(3 - 4)	< 1.0	
Inductance	(mH)		(1 - 6)	> 2.0	
Turns Ratio			(1 - 6) : (3 - 4)	1 : 1	
Insertion Loss	(dB)	@ 100 KHz		< 0.5	
Frequency Resp.	(dB)	4 KHz - 6 MHz		< - 1.0	@ 4 dBm (354 mV) max.
Dielectric Strength	(V rms)			700	