

TEW6102 is designed to interface with the Motorola MC145422/26 UDLT (Universal Digital-Loop Transceivers).

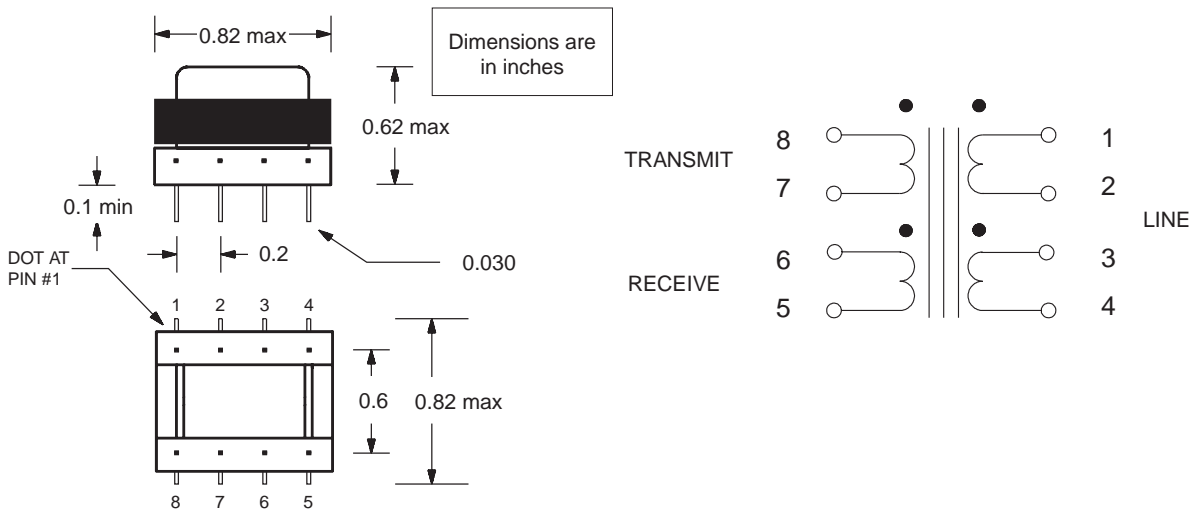
The MC145422/26 UDLT's are high-speed data transceivers that provide 80-kbps full-duplex data communications over 26 awg and larger twisted pair cable up to two kilometers in distance.

TEW6102 is approved for the MC145422/26 UDLTchip set

- Low Cost.
- Tape and reel available for high volume production.



MECHANICAL



ELECTRICAL

Line Impedance		110	Ω	
Turns Ratio	(8 - 7) : (1 - 4)	2 : 1		
	(8 - 7) : (6 - 5)	2 : 4		
Inductance	(7 - 8)	> 1.75	mH	@ 50 mA DC
Leakage Inductance	(7 - 8)	< 75	μH	short to 2, 3 to 4 & 5 - 6
DCR	(1 - 4)	2.5	Ω	nom.
	(8 - 7)	11	Ω	nom
	(6 - 5)	36	Ω	nom.
Interwind Cap.		< 50	pF	
Dielectric Strength	(1 - 4) to (8 - 5) & (6 - 5)	1500	V rms	

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