GATE DRIVE TRANSFORMER

Ruggedized





- 60V µsec MAX
- Operating & Storage Temperature: -55°C to +125°C
- Lead Finish: Sn63/Pb37
- Moisture Sensitivity Level: 3

	Electrical Specifications @ 25°C									
Part Number	,		Inductance 100KHz, 90mVrms (µH MIN)	Leakage Inductance 100KHz, 90mVrms (µH MAX)	DCR (Ω MAX)			DWV @6S, 60Hz (Vrms)		
	(1-8):(3-6):(4-5)	(1-8)	(1-8)	(1-8) with (3,4,5,6) shorted	(1-8)	(3-6)	(4-5)	1 to (3,4)		
X-1622	1:1:1	60	1400	1.5	1.60	1.60	1.60	1500		

NOTES:

- 1. Add suffix "NL" for RoHS compliant version; i.e. X-1622 becomes X-1622NL.
- 2. For Tape & Reel packaging, add "T" suffix at the end of the part number: i.e. X-1622T.
- 3. For design information only, the maximum volt-usec rating is for unipolar drive applications. For bi-polar applications, a maximum volt-usec of two times this rating is acceptable.





M295.D (18JUL23)

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Recommended Reflow Profile (Based on J-STD-020D)



T _{smin} (°C)	T _{smax} (°C)	т _. (°С)	T _p (°C MAX)	t _s (s)	t _L (s)	t _e (s MAX)	Ramp-up rate (T _L to T _P)	Ramp-down rate (T _P to T _L)	Time 25°C to peak temperature (s MAX)	
100	150	183	235	60 - 120	60 - 150	20	3°C/s MAX	6°C/s MAX	360	

NOTES:

1. All temperatures measured on the package leads.

2. Maximum number of reflow cycles not to exceed 2.



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