

Ruggedized

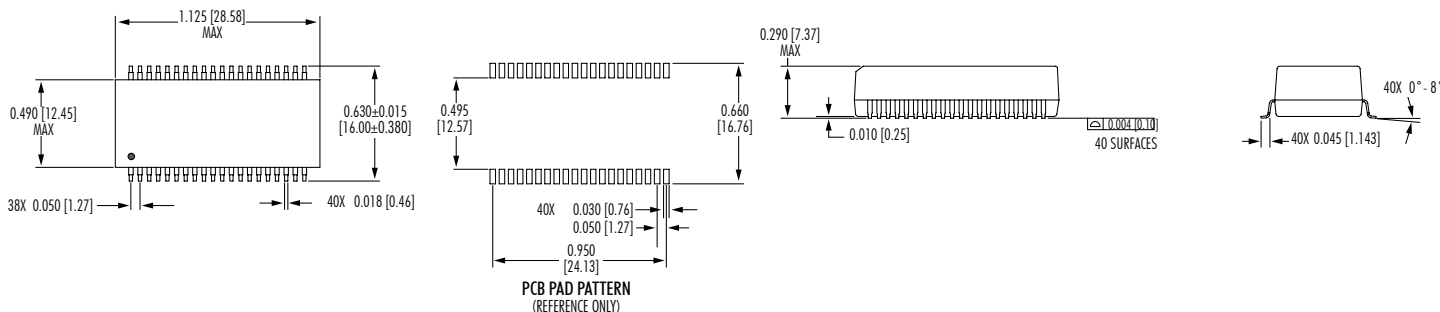


- NOTES:

- ## Mechanicals

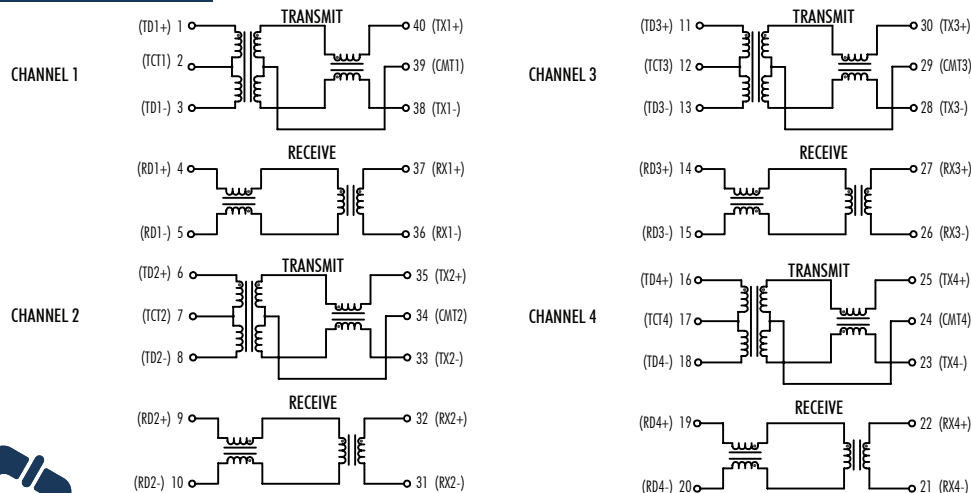
Tolerance (unless otherwise specified): ± 0.010 [0.25]

100B-4005 / 100B-4005X



Electrical Schematics

100B-4005 / 100B-4005X



LEGEND

Td	→	Tx	
Rd	←	Rx	
Td	→	Tx	
Rd	←	Rx	
Td	→	Tx	
Rd	←	Rx	
Td	→	Tx	
Rd	←	Rx	
Td	→	Tx	
Rd	←	Rx	

All channels are in phase between input and output



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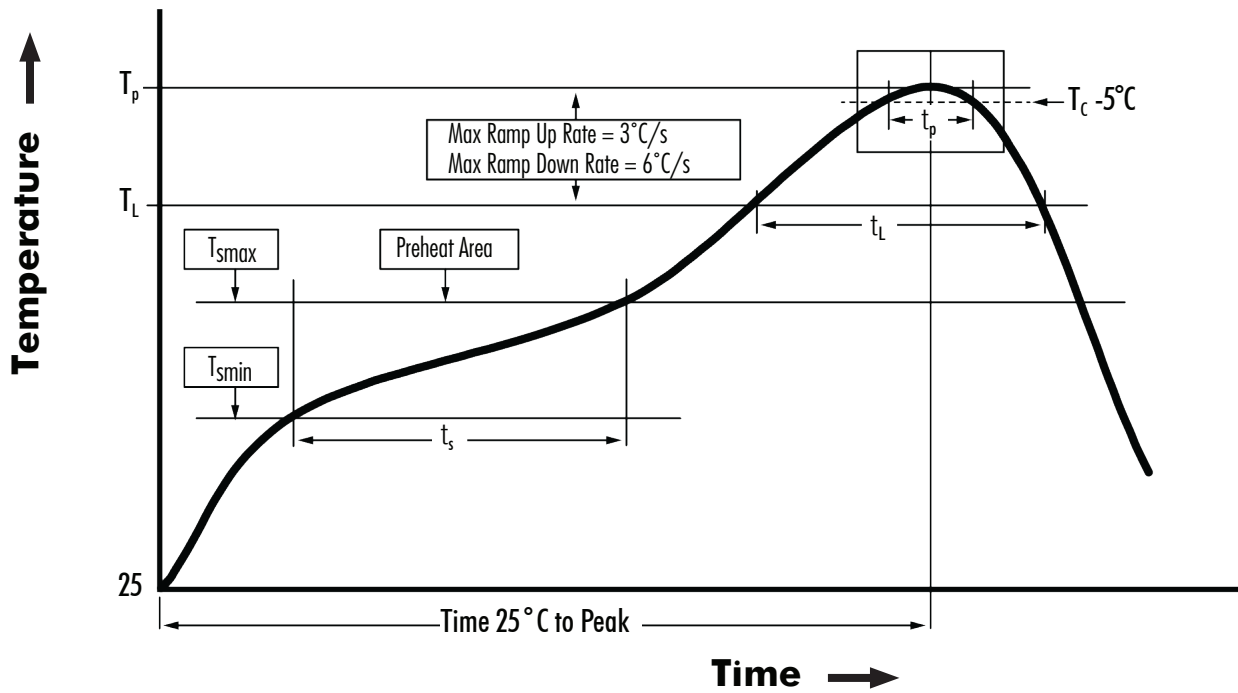
M203.D (08/21)

10/100 BASE - TX QUAD-PORT
TRANSFORMER MODULE



Ruggedized

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



T_{Smin} (°C)	T_{Smax} (°C)	T_L (°C)	T_P (°C MAX)	t_s (s)	t_L (s)	t_p (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 times of reflow cycle: 2



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