



1000 BASE-T MAGNETICS MODULES MODEL NO.: TG24042S1

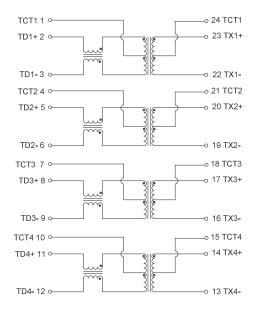
FEATURES: RoHS Compliant RoHS peak solder rating 260°C / 3~5 Sec Designed to meet IR requirement Complying with IEEE 802.3af standard for 1000 BASE-T. Operating Temperature : -40°C to +85°C

SPECIFICATIONS : @ $25^{\circ}C$

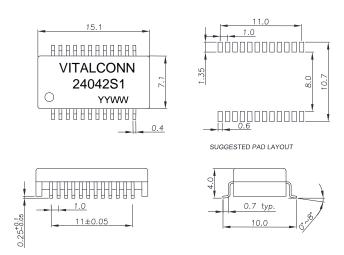
OCL:350 uH min @100KHz,100mV / with 8mA DC bias

| Insertion Loss MHz (dB Max) | Return Loss MHz (dB MIN @100Ω) | | | | | Differential to Common Mode Rejection MHz (dB MIN) | | | Cross Talk MHz (dB MIN) | | | HI POT VAC |
|-----------------------------------|--------------------------------------|-------|-------|-------|-----|---|-----|-----|-------------------------------|-----|-----|---------------|
| 1-100 | 1~30 | 40 | 50 | 60~80 | 100 | 30 | 60 | 100 | 30 | 60 | 100 | 1500 |
| -1.0 | -18 | -14.4 | -13.1 | -12 | -10 | -40 | -35 | -30 | - 45 | -40 | -35 | 1500 |

SCHEMATICS :



DIMENSION: mm ; TOLERANCE:±0.25



Please note that above information is subject to change without notice. For more info please send us an email to <u>info@vitalconn.com or</u> visit us at <u>www.vitalconn.com</u> Kun vital connector pantner! 勇於創新,志在連結