



a vital connector company



DATE: 2018/01/31 (REV:A3)

## 1000 BASE-T MAGNETICS MODULES

**MODEL NO.:** TG24064S1

### FEATURE:

RoHS Compliant

RoHS peak solder rating 260°C/ 3~5 Sec

Designed to meet IR requirement

Operating temp. : 0°C TO +70°C

### SPECIFICATIONS @ 25°C

OCL : 350 uH Min. @100kHz ,100mv

| Turns Ratio<br>( $\pm 3\%$ ) | Insertion Loss<br>MHz<br>(dB MAX) | Cross Talk<br>MHz<br>(dB MIN) |     |     | Return Loss<br>MHz<br>(dB MIN) |       |       |     |     | DCMR<br>MHz<br>(dB MIN) |     |     | HIPOT<br>(VAC) |
|------------------------------|-----------------------------------|-------------------------------|-----|-----|--------------------------------|-------|-------|-----|-----|-------------------------|-----|-----|----------------|
| TX/RX                        | 1~100                             | 30                            | 60  | 100 | 1~40                           | 50    | 60    | 80  | 100 | 1~30                    | 60  | 100 | 1500           |
| 1CT:1CT                      | -1.0                              | -45                           | -40 | -35 | -18                            | -14.4 | -13.1 | -12 | -10 | -43                     | -37 | -33 |                |

### SCHEMATICS:

**DIMENSION:** mm ;TOLERANCE:  $\pm 0.25$

