

INTEGRATED CONNECTOR MODULES

10/100Base-TX AutoMDIX belMag™ with LEDs

BM01807

Sin le ert shielded 45 connector with inte rated
10 100 ma netics

om ati le with a ariet o 10 100 transcei er l s

eratin tem erature 0 to 70

Stora e tem erature 40 to 85

Desi n su orts uto DI a lications

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s eci ications includin 350 with 8m D ias

Inte rated desi n conser es alua le oard s ace

inimum interwindin rea down olta e o 1500 rms

da ta le modular desi n ro ides hi her relia ilit

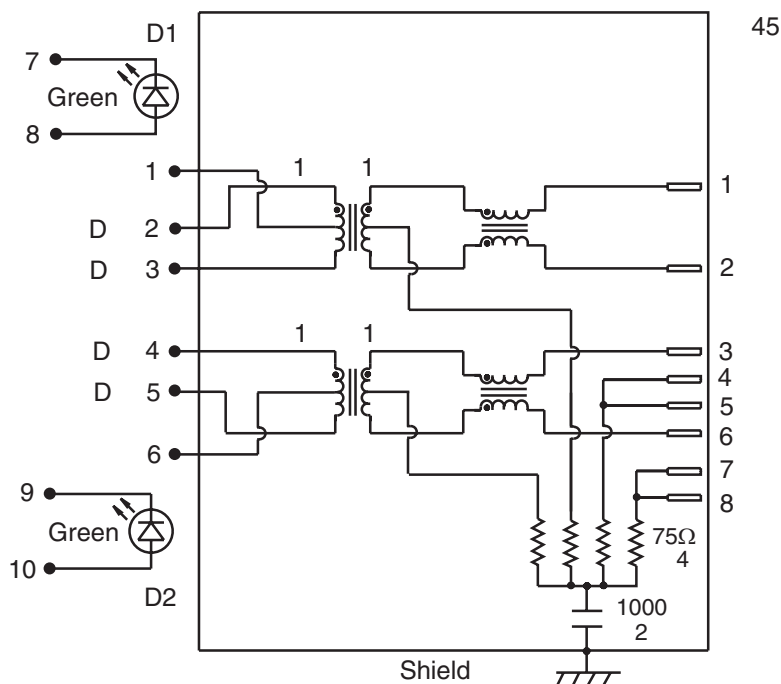
educed in count or im ro ed crosstal and o timum
P trace routin

ELECTRICAL SPECIFICATIONS AT 25° C

Part Number	Insertion Loss dB max	Return Loss dB min				Common to Differential Mode Rejection dB min	Common to Common Mode Rejection dB min	Crosstalk dB min			
	1MHz to 100MHz	1MHz to 30MHz	30MHz to 60MHz	60MHz to 80MHz		100kHz to 100MHz		1MHz	30MHz	50MHz	100MHz
0810 1G1 06	1.0	18	18 20 lo 30	12		40	30	70	45	40	35

SCHEMATIC

0810-1G1T-06



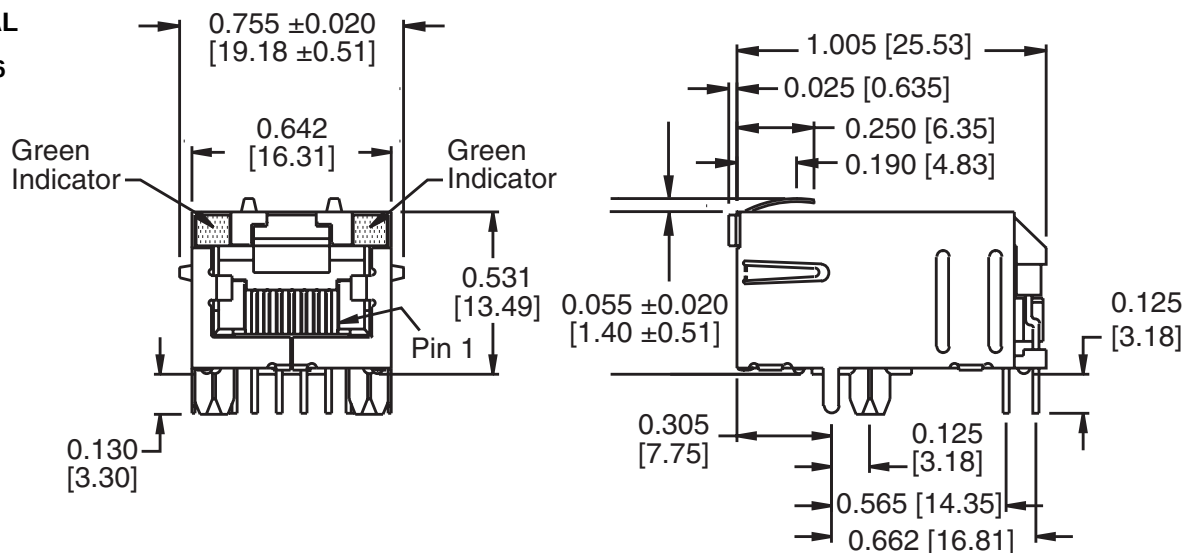
Available Options

- arious trans ormer turns ratios
- arious hi h olta e ca acitor alues
- arious D color com inations

BM01807

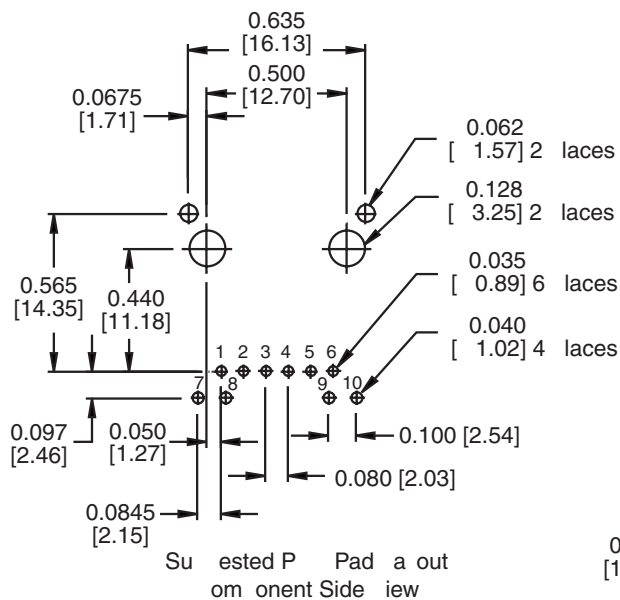
MECHANICAL

0810-1G1T-06



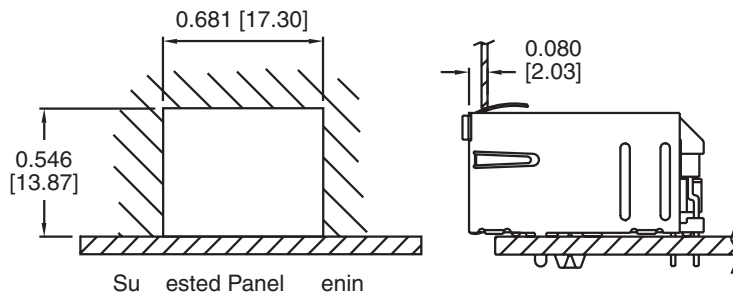
Dimensions are in inches [millimeters].
Standard dimension tolerance is ± 0.010 [0.25] unless otherwise noted.

PAD LAYOUT



Notes

Plastic housing	thermo plastic laminate	94 0
contacts	50 micro inch hard gold	
Pins	in coated copper wire	DI 0.018 [0.46]
Soldered	Per I Std. 202	ethod 208
etal Shield	in lead plated copper	



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