

HIGH FREQUENCY MAGNETICS

DS3/E3/STS-1 Transformers

TM00148

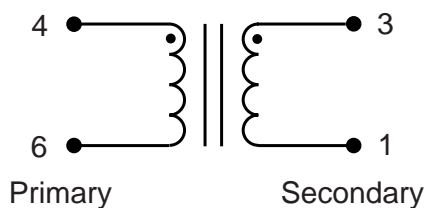
- 3 dB bandwidth 200 kHz - 340 MHz typical for 0554-3184-00 and S554-3184-00
- 3 dB bandwidth 250 kHz - 500 MHz typical for 0554-3184-01 and S554-3184-01
- Minimum interwinding breakdown voltage of 1500 Vrms

ELECTRICAL SPECIFICATIONS at 25° C

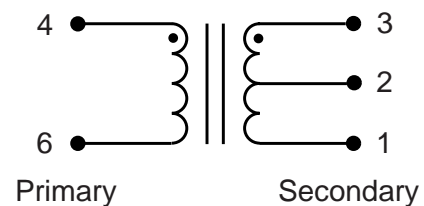
Part Number	Turns Ratio ± 5%	Primary Inductance μH min	Leakage Inductance μH max	Interwinding Capacitance pF max
Through Hole Package				
0554-3184-00	1 : 1	40	0.08	10
0554-3184-01	1 : 2 CT	19	0.06	10
0554-3184-02	1 : 2 CT	40	0.09	12
Surface Mount Package				
S554-3184-00	1 : 1	40	0.08	10
S554-3184-01	1 : 2 CT	19	0.06	10
S554-3184-02	1 : 2 CT	40	0.09	12

SCHEMATICS

0554-3184-00
S554-3184-00



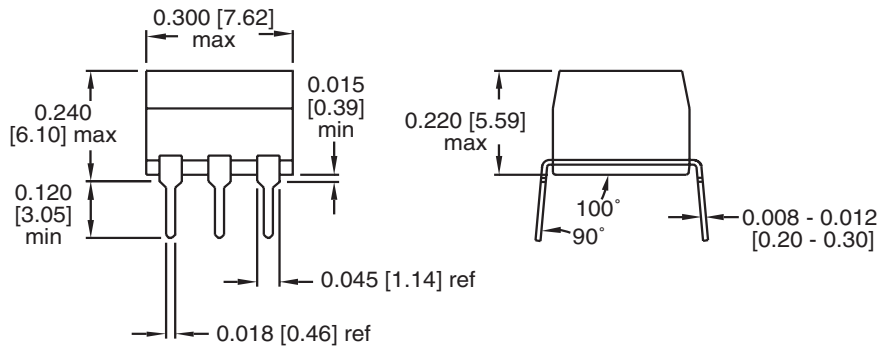
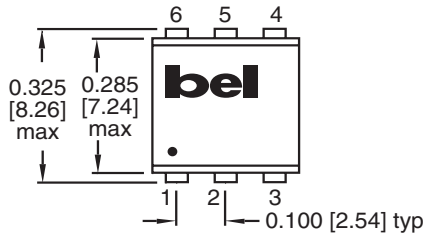
0554-3184-01
0554-3184-02
S554-3184-01
S554-3184-02



TM00148

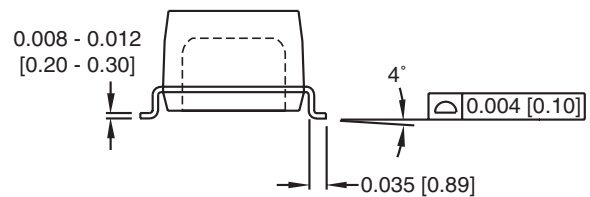
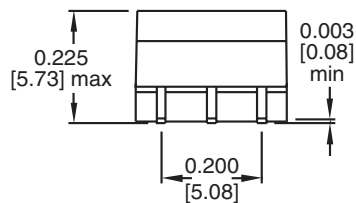
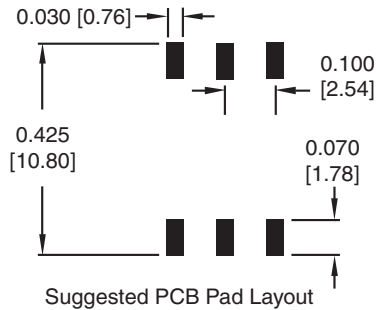
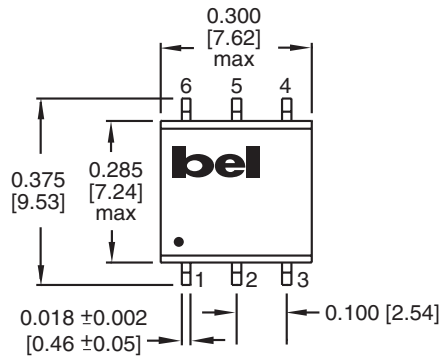
MECHANICAL

0554-3184-00
0554-3184-01
0554-3184-02



Dimensions are in inches [millimeters].
Standard dimension tolerance is ± 0.005 [0.13] unless otherwise noted.

S554-3184-00
S554-3184-01
S554-3184-02



Dimensions are in inches [millimeters].
Standard dimension tolerance is ± 0.005 [0.13] unless otherwise noted.

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CORPORATE

Bel Fuse Inc.
206 Van Vorst Street
Jersey City, NJ 07302
Tel 201-432-0463
Fax 201-432-9542
www.belfuse.com

T1-114

FAR EAST

Bel Fuse Ltd.
8F / 8 Luk Hop Street
San Po Kong
Kowloon, Hong Kong
Tel 852-2328-5515
Fax 852-2352-3706
www.belfuse.com

EUROPE

Bel Fuse Europe Ltd.
Preston Technology Management Centre
Marsh Lane, Suite G7, Preston
Lancashire, PR1 8UD, U.K.
Tel 44-1772-556601
Fax 44-1772-888366
www.belfuse.com