

Excellent Integrated System Limited

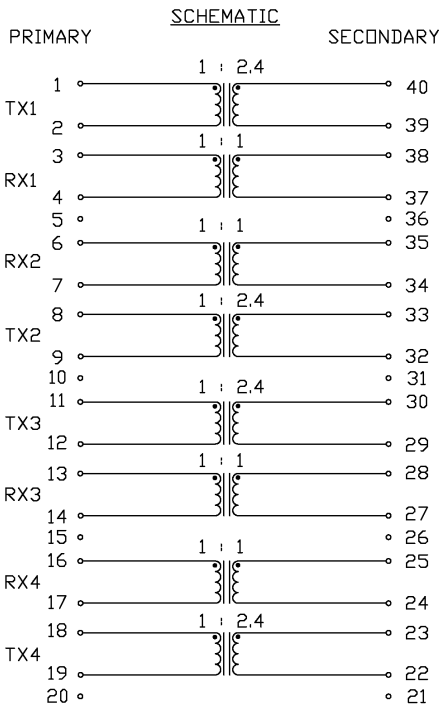
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)
[S553-6500-D1-F](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

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ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO	
Tx PRIMARY : SECONDARY	1 : 2.4
Rx PRIMARY : SECONDARY	1 : 1
INDUCTANCE	
Tx PRIMARY	1.0 mH MIN. @10kHz, 10mV
AT -40°C	440 μH MIN.
Rx PRIMARY	1.8 mH MIN. @10kHz, 10mV
AT -40°C	850 μH MIN.
LEAKAGE INDUCTANCE, L_e	
Tx PRIMARY (W/SECONDARY SHORTED)	0.30 μH MAX. @1MHz, 20mV
Rx PRIMARY (W/SECONDARY SHORTED)	0.50 μH MAX. @1MHz, 20mV
INTERWINDING CAPACITANCE, C_{w/w}	
Tx PRIMARY - SECONDARY	35pF MAX. @1MHz, 20mV
Rx PRIMARY - SECONDARY	35pF MAX. @1MHz, 20mV
DC RESISTANCE	
Tx PRIMARY	0.60 Ω MAX.
Tx SECONDARY	1.40 Ω MAX.
Rx PRIMARY & SECONDARY	0.70 Ω MAX.
HIPOT	PER HAND-WORK-03

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	REV. : A	 COMPONENTS OF A CONNECTED PLANET
HD	04-07-05	ELECTRICAL SPEC S553-6500-D1-F	X5536500D1-F	.X	UNIT : INCH [mm]	SCALE : A	
DRAWN BY DQ Chen	04-07-05			FILE NAME X5536500D1FA.DWG	.XX .XXX	SCALE : N/A	

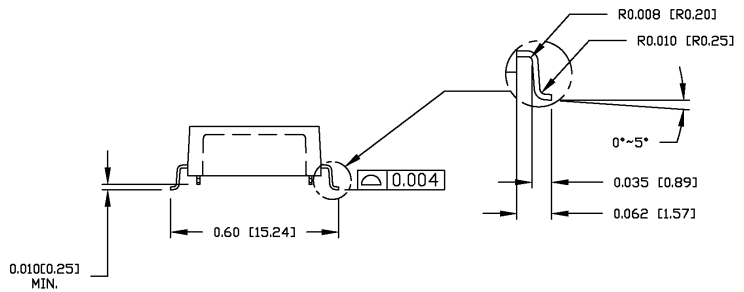
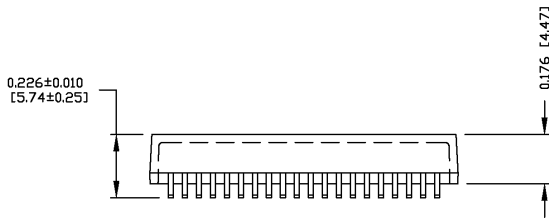
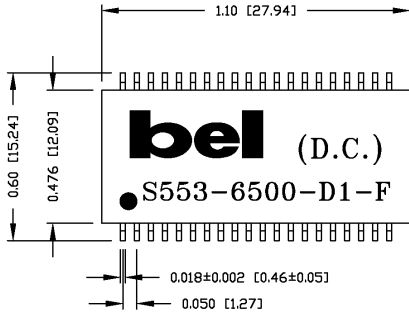
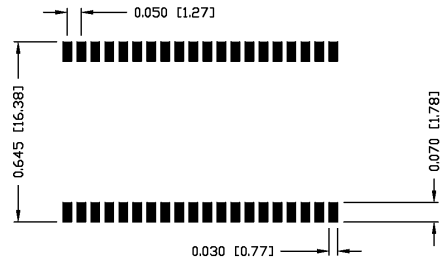
DC002(2)122004

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SUGGESTED PCB PAD LAYOUT



- NOTES:
1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
 2. PACKAGE CODE: "RRS001".

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS OF A CONNECTED PLANET	
MAN CAHN	04-07-05	MECHANICAL DRAWING	X5536500D1-F	.X	UNIT : INCH [mm]		REV. : A
DRAWN BY	DATE	S553-6500-D1-F	FILE NAME	.XX ±0.01	SCALE : N/A		SIZE : A4
DQ Chen	04-07-05		X5536500D1FA.DWG	.XXX ±0.005		PAGE : 3	

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