

Excellent Integrated System Limited

Stocking Distributor

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

[Bel Fuse Inc.](#)
[V895-1001-AW](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

THE INFORMATION CONTAINED HEREIN IS CONSIDERED
 "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE
 COPIED, REPRODUCED OR DISCLOSED WITHOUT THE
 WRITTEN APPROVAL OF BEL FUSE INC.

PRELIMINARY

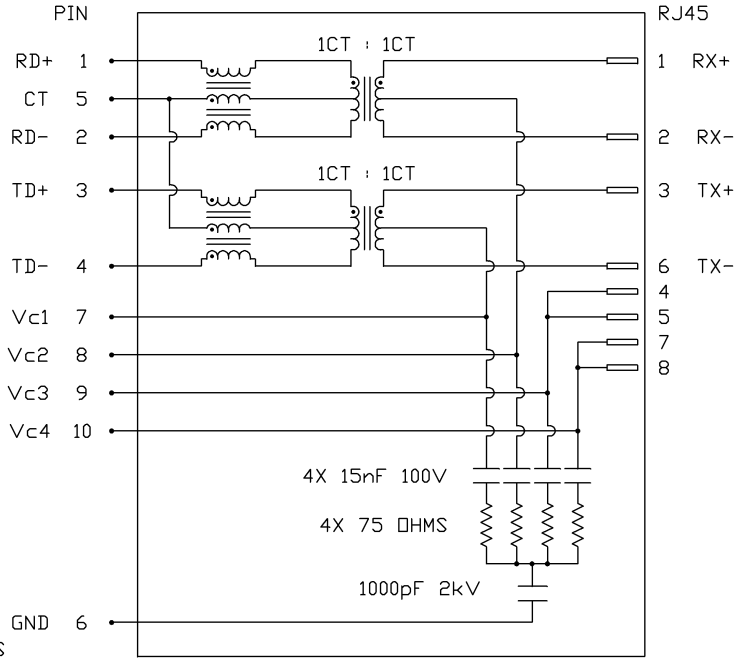
RoHS
 2002/95/EC



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO	1CT : 1CT ±2%
CL @ 0.1V, 100KHz	350μH MIN.
8mA DC BIAS (0°C - 70°C)	
INSERTION LOSS	
100KHz TO 100MHz	-1.2 dB MAX.
RET. LOSS (MIN) @ 100OHMS ±15%	
2MHz-30MHz	-16 dB MIN.
60MHz-80MHz	-10 dB MIN.
LEAKAGE INDUCTANCE	
PRIMARY W/ SECONDARY SHORTED	0.25μH MAX. @ 1MHz
D.C. RESISTANCE	
(1-2)=(3-4)	1.40 OHMS MAX.
(RJ1-RJ2)=(RJ3-RJ6)	1.0 OHMS MAX.
INTERWINDING CAPACITANCE	
PER CHANNEL (PRI. to SEC.)	40 pF MAX.
XTALK	
100KHz TO 100MHz	-30 dB MIN.
HIPOT (Isolation Voltage):	2250 VDC
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS	
BALANCED DC LINE CURRENT	350mA MAX. @ 57 VDC CONTINUOUS 500mA MAX. @ 57 VDC FOR 200 MILLSECONDS
OPERATING TEMPERATURE:	-40° TO +85°C

SCHEMATIC



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	REV. : PB	 COMPONENTS FOR A CONNECTED PLANET
CHOW WANCHUNG	06-12-08	Vertical SMT MagJack® (EXT. TEMP.)	V895-1001-AW	.X	UNIT : INCH [mm]	SIZE : A4	
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	PAGE : 2	
DENG PING	06-12-08		V895-1001-AW_PB.DWG	.XXX			

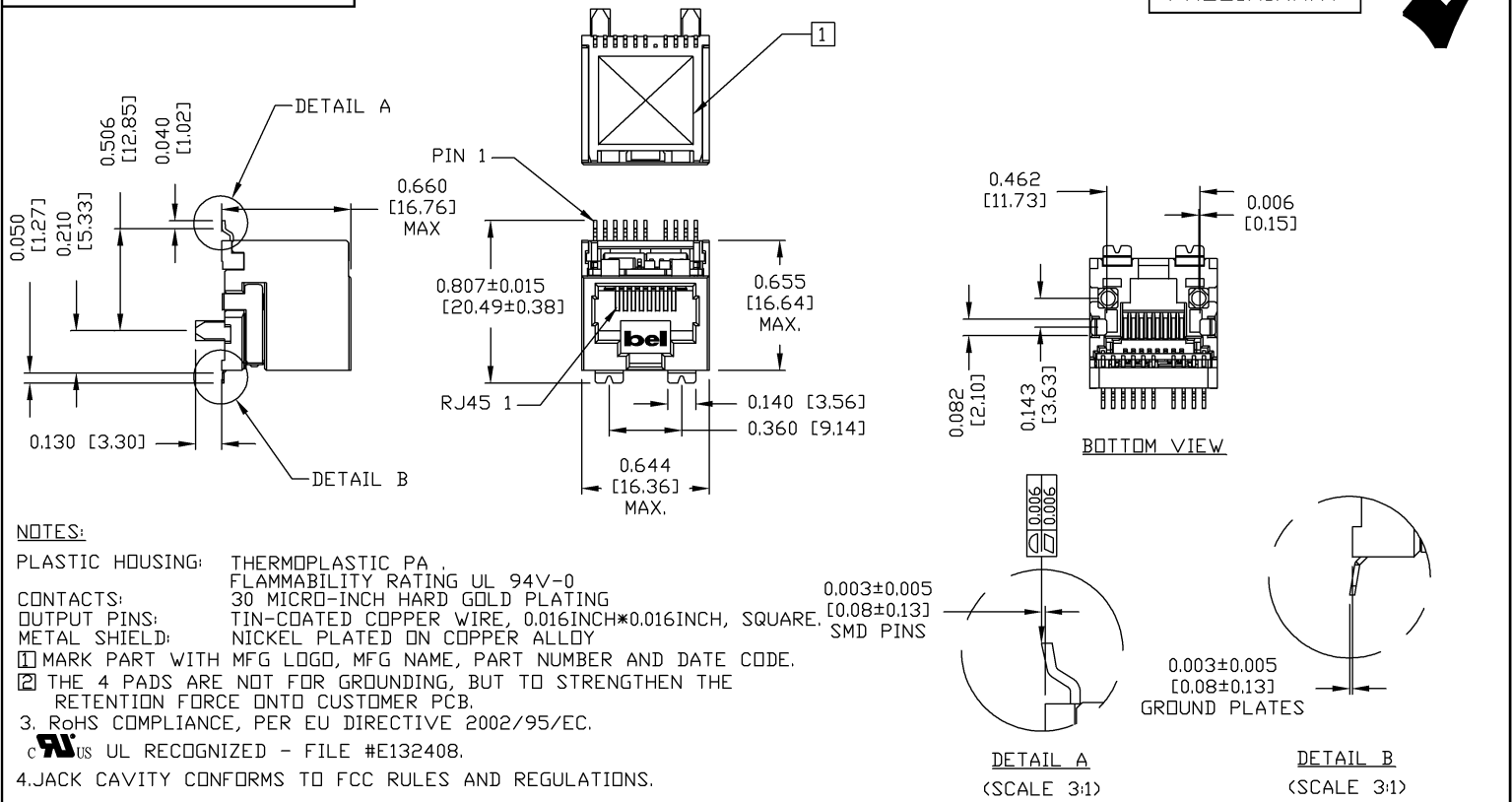
DC002(2)032305

This document is electronically generated. This is a controlled copy if used internally

THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

MECHANICAL SPECIFICATION

PRELIMINARY



ORIGINATED BY	DATE	TITLE Vertical SMT MagJack® (EXT. TEMP.)	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
				TOL. IN INCH		UNIT : INCH [mm]	REV. : PB	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
				.XX				
ZX HUANG	06-12-08		V895-1001-AW					
LU XUEPING	06-12-08		V895-1001-AW_PB.DWG	.XXX	±0.010		PAGE : 3	

DC002(2)032305

This document is electronically generated. This is a controlled copy if used internally



THE INFORMATION CONTAINED HEREIN IS CONSIDERED 'PROPRIETARY' TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

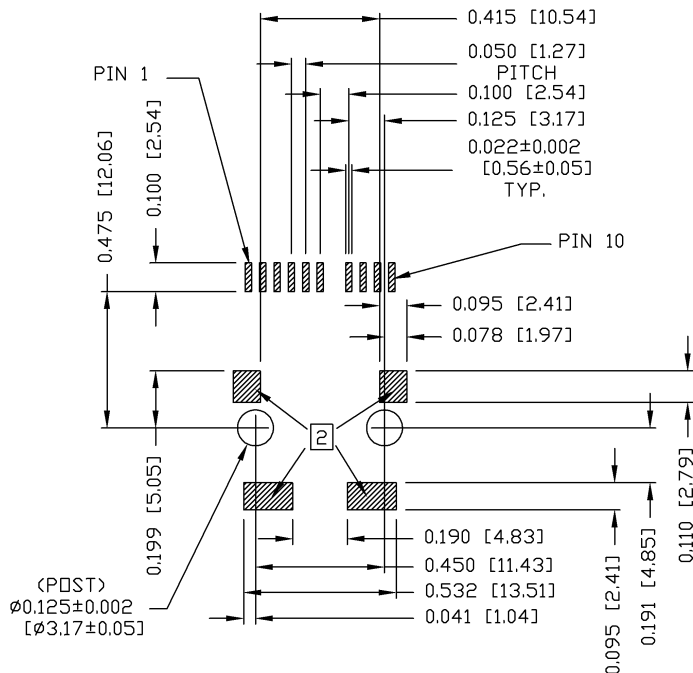
PRELIMINARY

RoHS
2002/95/EC



RECOMMENDED PCB FOOTPRINT

COMPONENT SIDE VIEW
(SHADED AREA ARE SOLDER PADS)



PACKING INFORMATION

PACKING TRAY : 0200-9999-I5(TOP)

0200-9999-I6(BOTTOM)

PACKING QUANTITY : 88 PCS FINISHED GOODS PER TRAY
11 TRAY (968 PCS FINISHED GOODS)

PER CARTON BOX

NOTE: CARDBOARDS ARE PLACED BETWEEN LAYERS
OF PACKIING TRAY INSIDE CARTON BOX

(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

ORIGINATED BY	DATE	TITLE Vertical SMT MagJack® (EXT. TEMP.)	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
ZX HUANG	06-12-08		V895-1001-AW	TOL. IN INCH		UNIT : INCH [mm]	REV. : PB
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4
LU XUEPING	06-12-08		V895-1001-AW_PB.DWG	.XX			PAGE : 4
			.XXX	±0.010			



COMPONENTS FOR A
CONNECTED
PLANET

DC002(2)032305

This document is electronically generated. This is a controlled copy if used internally



Intel
COMPONENTS FOR A
CONNECTED
PLANET™