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.

RoHS

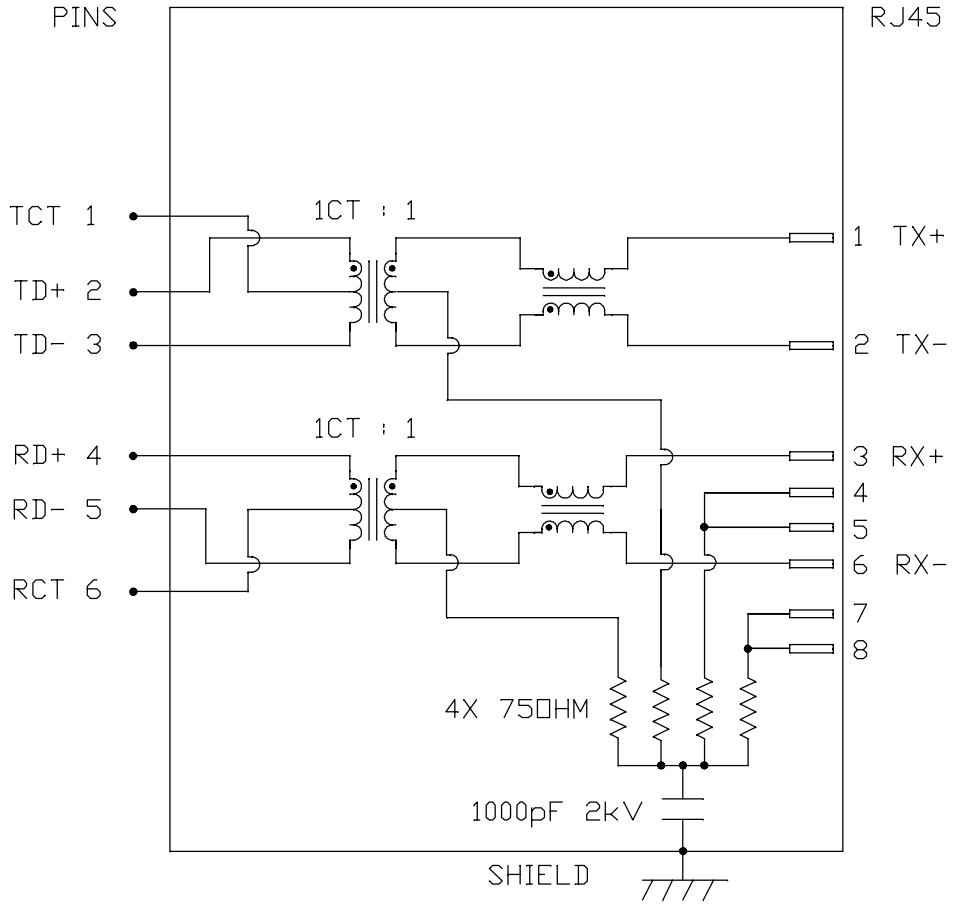
ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO	
TX	1CT : 1
RX	1CT : 1
OCL @ 100kHz/100mVRMS	
8mA DC BIAS	350μH MIN.
INS. LOSS	
1MHz TO 100MHz	-1.0 dB MAX
RET. LOSS (MIN)	
1MHz-30MHz	-18 dB
30MHz-60MHz	-18+20LOG(F/30MHz) dB
60MHz-80MHz	-12 dB
CROSS TALK (TX - RX)	
500kHz-100MHz	-35 dB MIN
CM TO CM REJ	
100kHz-100MHz	-30 dB MIN
CM TO DM REJ	
100kHz-100MHz	-40 dB MIN
HIPOT (Isolation Voltage):	1500 Vrms

100% OF PRODCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENT

OPERATING TEMPERATURE: -40°C TO 85°C

SCHEMATIC



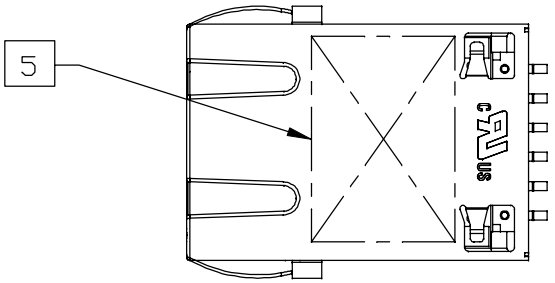
ORIGINATED BY: CHOW WANCHUNG DATE: 2017-06-07	TITLE: MagJack® 4 CORE, WITH CM TERM Extended temperature S811-1X1T-36-F	PART NO. / DRAWING NO.: S8111X1T36-F	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REF.	REV. : E
DRAWN BY: XIE YIMING DATE: 2017-06-07		FILE NAME: S8111X1T36-F_E.DWG	.X / .XX / .XXX	UNIT : INCH [mm] SCALE : N/A SIZE : A4	PAGE : 2

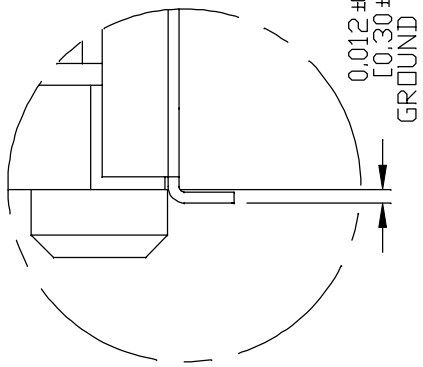
bel MAGNETIC SOLUTIONS
a bel group

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

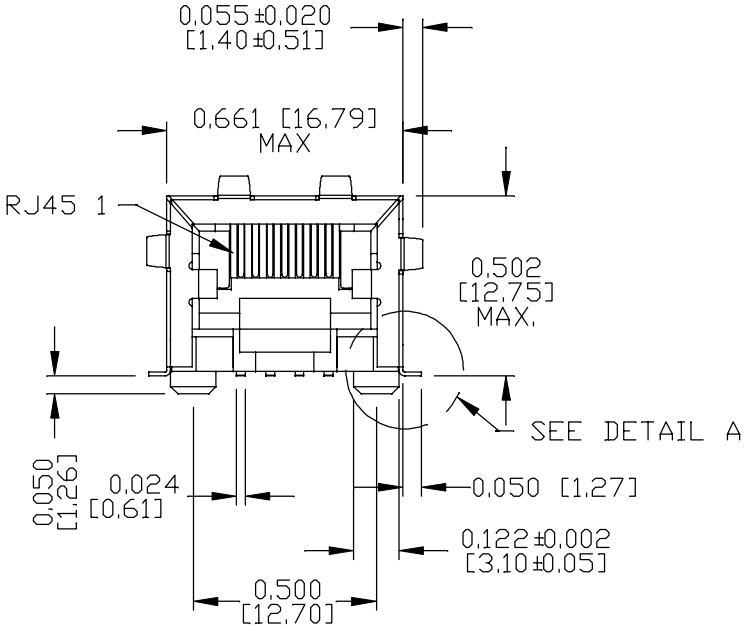
THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

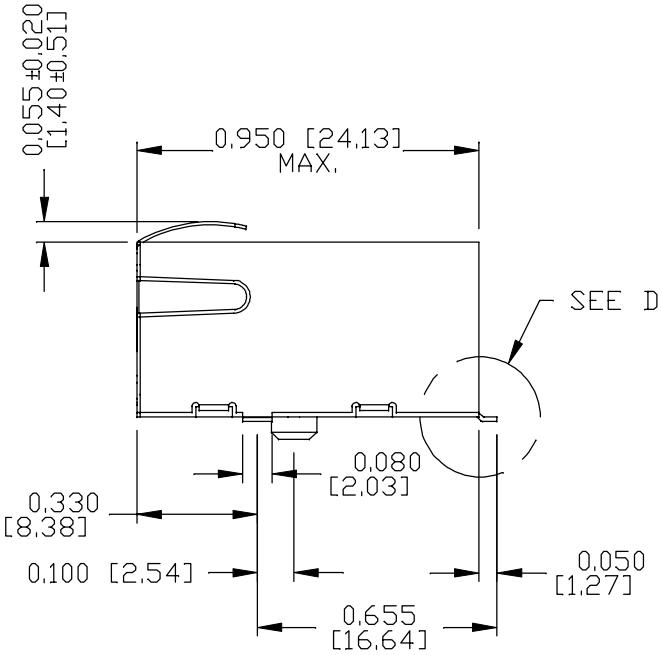
RoHS

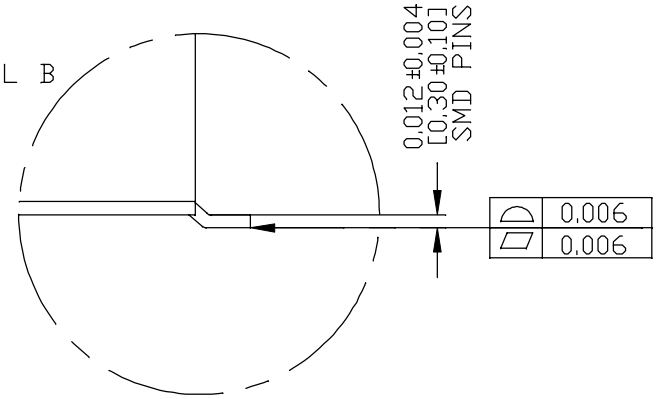




DETAIL A
SCALE 3:1







DETAIL B
SCALE 3:1

REV. : E		PAGE : 3	
ORIGINATED BY: ANTON LIAO DATE: 2017-06-07	TITLE: MagJack® 4 CORE, WITH CM TERM Extended temperature S811-1X1T-36-F	PART NO. / DRAWING NO.: S8111X1T36-F FILE NAME: S8111X1T36-F_E.DWG	STANDARD DIM. TOL. IN INCH .X .XX .XXX ±0.010 [ ] METRIC DIM. AS REF. UNIT : INCH [mm] SCALE : N/A SIZE : A4
DRAWN BY: SANDY LIN DATE: 2017-06-07			

bel MAGNETIC SOLUTIONS
a bel group

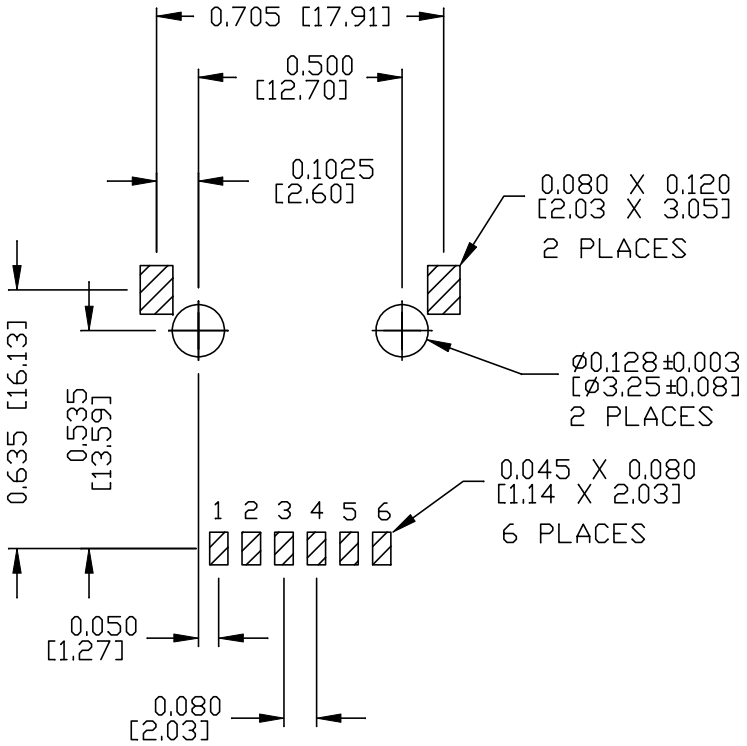
This document is electronically generated. This is a controlled copy if used internally

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.

RoHS

RECOMMENDED PCB FOOTPRINT

COMPONENT SIDE VIEW



NOTES:

1. PLASTIC HOUSING: THERMOPLASTIC PA & THERMOSET PHENOLIC, BLACK FLAMMABILITY RATING UL 94V-0
2. CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
3. PINS: TIN-COATED COPPER WIRE, 0.024 [0.6] X 0.012 [0.3] THK. 100 MICRO-INCH MIN MATTE TIN. PINS ARE SOLDER DIPPED.
4. METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
5. MARK PART WITH MFG. LOGO, MFG. NAME, PART NUMBER, DATE CODE.
   c UL us UL RECOGNIZED - FILE #E196366 AND E169987.
6. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
7. THE PRODUCT IS RoHS COMPLIANT.
8. THE PART IS RECOMMENDED FOR IR REFLOW. THE SUGGESTED PEAK IR REFLOW CONDITION IS 245°C MAX AND 30 SECONDS MAX.

REV. : E	PAGE : 4

ORIGINATED BY ANTON LIAO DATE 2017-06-07	TITLE: MagJack® 4 CORE, WITH CM TERM Extended temperature S811-1X1T-36-F	PART NO. / DRAWING NO. S8111X1T36-F	STANDARD DIM. TOL. IN INCH .X .XX .XXX ±0.004
DRAWN BY SANDY LIN DATE 2017-06-07		FILE NAME S8111X1T36-F_E.DWG	[ ] METRIC DIM. AS REF. UNIT : INCH [mm] SCALE : N/A SIZE : A4

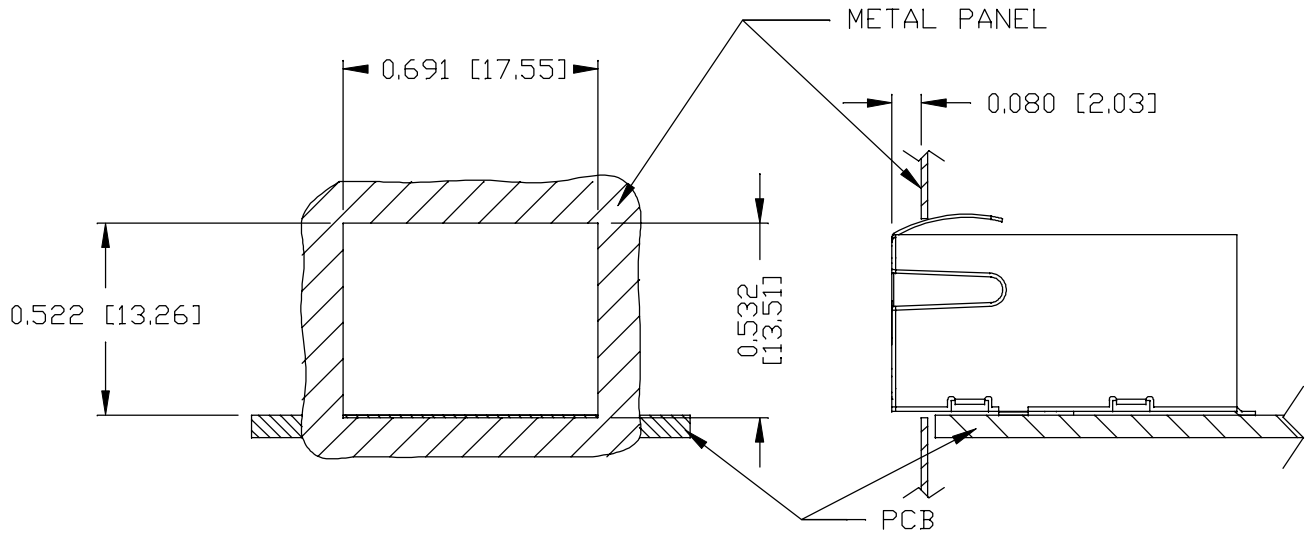
bel MAGNETIC SOLUTIONS
a bel group

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.

RoHS

SUGGESTED PANEL OPENING



NOTES:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION.

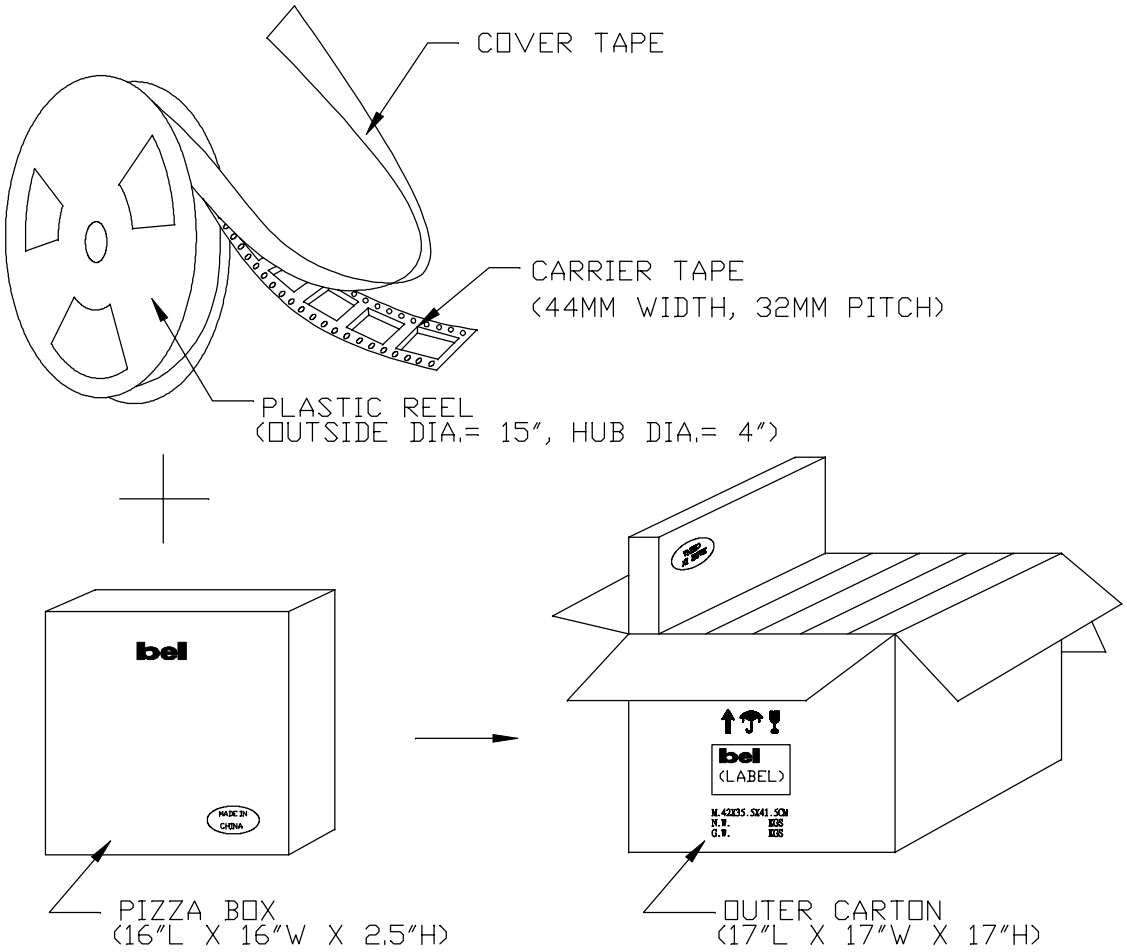
IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

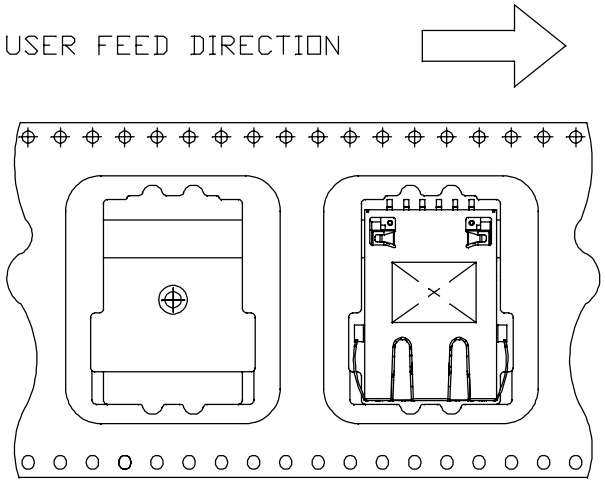
ORIGINATED BY ANTON LIAO DATE 2017-06-07	TITLE MagJack® 4 CORE, WITH CM TERM Extended temperature S811-1X1T-36-F	PART NO. / DRAWING NO. S8111X1T36-F	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REF.	REV. : E / PAGE : 5
DRAWN BY SANDY LIN DATE 2017-06-07		FILE NAME S8111X1T36-F_E.DWG	.X .XX .XXX ±0.004	UNIT : INCH [mm] SCALE : N/A SIZE : A4	bel MAGNETIC SOLUTIONS a bel group

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.

RoHS





PART ORIENTATION & FEEDING DIRECTION.

NOTES:

1) LEAVES 48 INCHES COVER TAPE AND 5 EMPTY POCKETS AT TRAILER.
2) LEAVES 24 INCHES COVER TAPE AND 13 EMPTY POCKETS AT LEADER.
3) PACK 175 PCS PER REEL.
4) EACH PIZZA BOX CONTAINS ONE (1) REEL. (175 PCS FINISHED GOODS EACH PIZZA BOX).
5) EACH OUTER CARTON CONTAINS SIX (6) PIZZA BOXES. (1050 PCS FINISHED GOODS EACH OUTER CARTON).

REV. : E	PAGE : 6

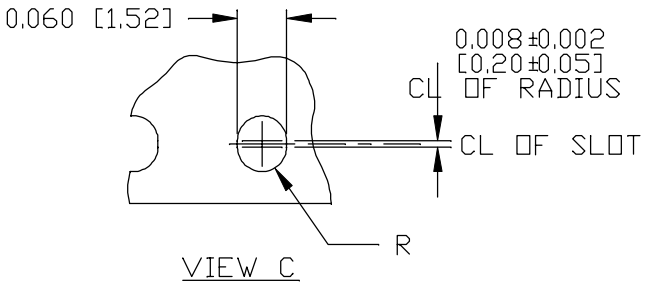
ORIGINATED BY ANTON LIAO DATE 2017-06-07	TITLE MagJack® 4 CORE, WITH CM TERM Extended temperature S811-1X1T-36-F	PART NO. / DRAWING NO. S8111X1T36-F	STANDARD DIM. TOL. IN INCH [ ] METRIC DIM. AS REF.
DRAWN BY SANDY LIN DATE 2017-06-07		FILE NAME S8111X1T36-F_E.DWG	.X / .XX / .XXX ±0.004 UNIT : INCH [mm] SCALE : N/A SIZE : A4

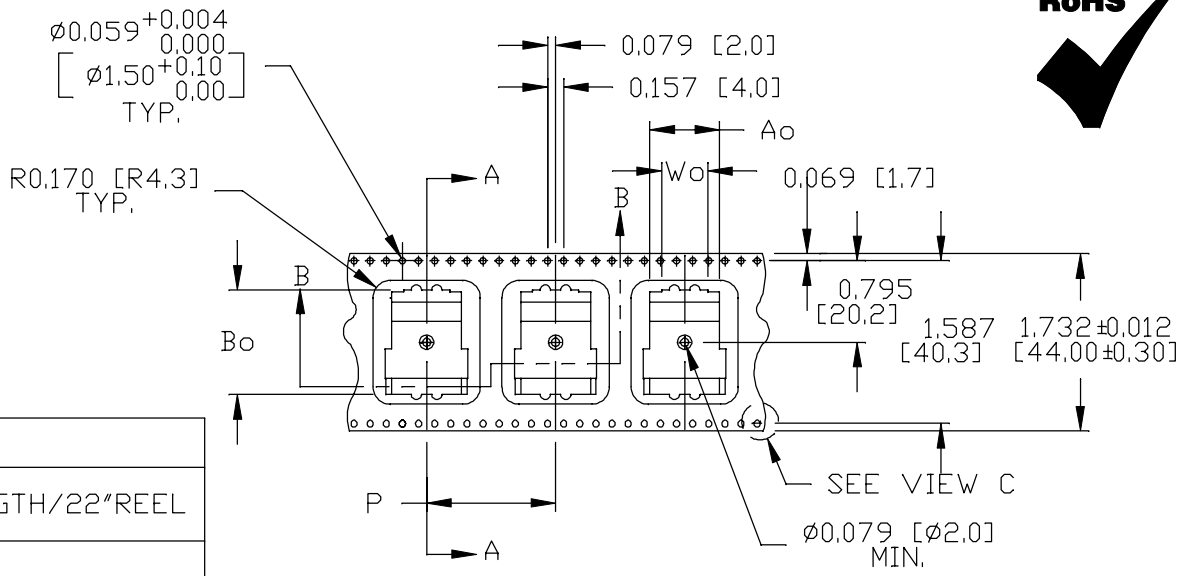
bel MAGNETIC SOLUTIONS
a bel group

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

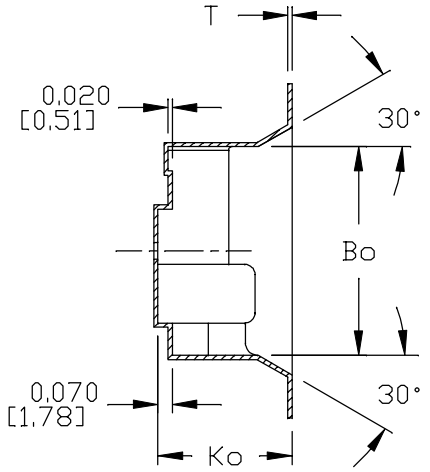
THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS

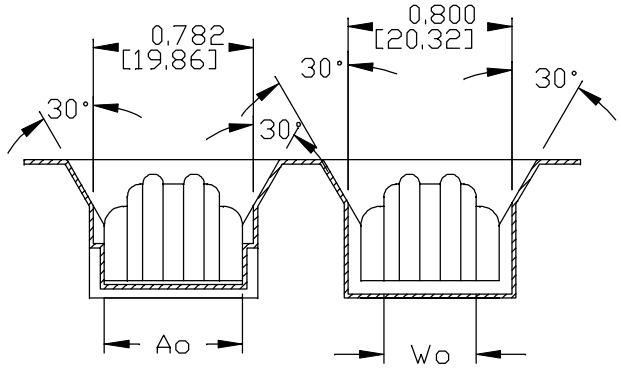




DIMENSION CHART							
PART NUMBER	Ao	Bo	Ko	P	Wo	T	LENGTH/22"REEL
N220-0405-46	0,670 [17,02]	1,010 [25,65]	0,635 [16,13]	1,260 [32,00]	0,505 [12,83]	0,020 [0,50]	13 METERS



SECTION A-A



SECTION B-B

NOTES :

1. ALL OTHER SPECIFICATIONS SHOULD MEET EIA 481-D STANDARD.
2. CARRIER TAPE: N220-0405-46

FOR CARRIER TAPE

ORIGINATED BY ANTON LIAO DATE 2017-06-07	TITLE MagJack® 4 CORE, WITH CM TERM Extended temperature S811-1X1T-36-F	PART NO. / DRAWING NO. S8111X1T36-F	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REF.	REV. : E / PAGE : 7
DRAWN BY SANDY LIN DATE 2017-06-07		FILE NAME S8111X1T36-F_E.DWG	.X / .XX / .XXX ±0,004	UNIT : INCH [mm] SCALE : N/A SIZE : A4	bel MAGNETIC SOLUTIONS a bel group

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Bel Fuse:

0ACG-5000-TE 0ZCG0014FF2C 3SB2-R BM-1BJPK025F CRB-HKMS 0685T4000-01 0ZCG0030FF2C 0679H9150-01 BM-6AJPK025F S811-1X1T-06-F 0680L9100-05 0685T0750-01 0ABA-0250-TN 0ZRR0005FF1E LWN2660-6EG 0685-2500-01 0685T7000-01 0ZCJ0016FF2E HR2320-9RG 0680L9100-01 0685F0250-01 0ZRV0100FF1A SI 46001 F SS-60300-081 0685F1500-01 0HAAL1600-02 0ZRG0110FF1E 0ZRP0050FF1E 0ZRV0008FF1E 5HT 1-R