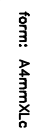
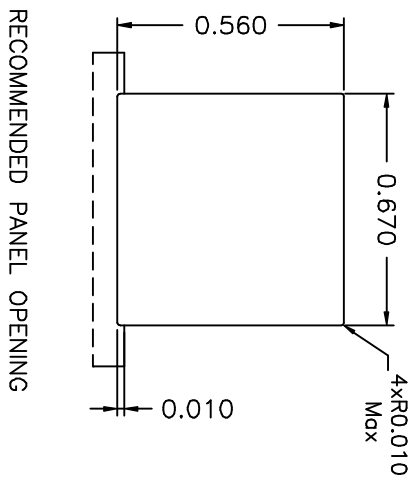


PART NUMBER AND  
DATE CODE LABEL4



**Mounting Pattern:**

## A

- A

W

PRODUCT NO.

10019407-XXYZA LF

LEAD FREE  
BLANK = NO  
LF = YES

OPTIONAL CHASSIS  
GROUND SPRINGS  
0 = WITH  
1 = WITHOUT

LEFT LED  
COLORS  
0 = NO LED  
1 = YELLOW  
2 = GREEN  
3 = AMBER  
4 = RED  
5 = YELLOW/GREEN BI-COLOR

RIGHT LED  
COLORS  
0 = NO LED  
1 = YELLOW  
2 = GREEN  
3 = AMBER  
4 = RED  
5 = YELLOW/GREEN BI-COLOR

ELECTRICAL  
CIRCUIT  
01 = SEE PAGE 4  
02 = SEE PAGE 5  
03 = SEE PAGE 6  
04 = SEE PAGE 7  
05 = SEE PAGE 8

| mat'l. code |           | surface |            | tolerance   |                                       | projection |           | product family   |                  |
|-------------|-----------|---------|------------|-------------|---------------------------------------|------------|-----------|------------------|------------------|
| ltr         | ecn no dr | date    | ASME Y14.5 | ASME Y14.5  | tolerances unless otherwise specified | INCH       | scale 1/1 | title            | MODJACK          |
| K           |           |         | angle 15   | .xxx±.010   |                                       |            |           | NETJACK, w/LED'S |                  |
|             |           |         | dr         | L.POTTINGER | 11/15/02                              |            |           | SINGLE PORT ASSY |                  |
|             |           |         | engr       | J.KONTOS    | 11/15/02                              |            |           |                  |                  |
|             |           |         | chr        | J.KONTOS    | 11/15/02                              |            |           |                  |                  |
|             |           |         | appd       | J.KONTOS    | 11/15/02                              |            |           |                  |                  |
| sheet       | revision  |         |            |             |                                       |            |           | type             | CUSTOMER Drawing |
| index       | sheet     |         |            |             |                                       |            |           |                  |                  |

## Printed: Apr 09, 2010



**PDM: Rev:K**      STATUS: **Released**      Printed: Apr 09, 2010

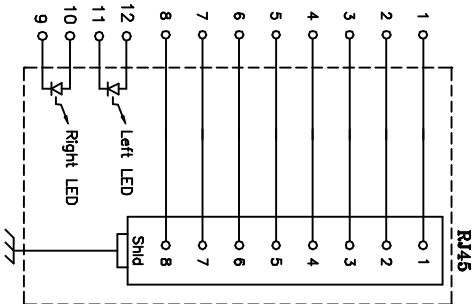
**PDM: Rev:K**      STATUS: **Released**      Printed: Apr 09, 2010

**PDM: Rev:K**      STATUS:Released      Printed: Apr 09, 2010

PDM: Rev:K STATUS:Released Printed: Apr 09, 2010

## 4

Schematic: for P/N 10019407-03YZA OR -03YZA1F

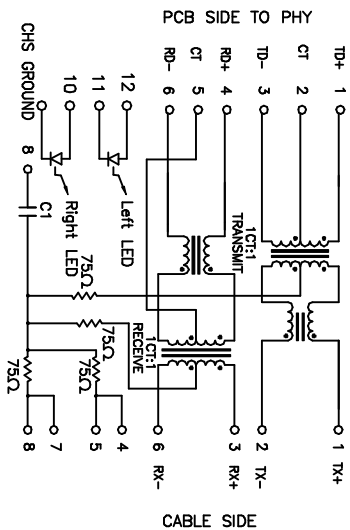


Electrical Specifications: @25°C  
Isolation Voltage: 500 Vrms (WIRE to WIRE)  
No Magnetics

| mat'l. code |          |    |    | surface / tolerance |                             | projection  |           | product family   |            |
|-------------|----------|----|----|---------------------|-----------------------------|-------------|-----------|------------------|------------|
| itr         | ecm      | no | dr | date                | ASME Y14.5                  | ASME Y14.5  | specified | MODJACK          |            |
| K           |          |    |    |                     | tolerances unless otherwise |             |           | NETJACK, W/LED'S |            |
|             |          |    |    |                     | angle                       |             | INCH      | SINGLE PORT ASSY |            |
|             |          |    |    |                     | or ±2"                      | .xxx±.010   | scale     | dwg no           | sheet 6 of |
|             |          |    |    |                     | dr                          | L.POTTINGER | 3/17/03   | 10019407         | A4         |
|             |          |    |    |                     | eng                         | J.KONIOS    | 3/17/03   |                  |            |
|             |          |    |    |                     | chr                         | J.KONIOS    | 3/17/03   |                  |            |
|             |          |    |    |                     | qppd                        | J.KONIOS    | 3/17/03   |                  |            |
| sheet       | revision |    |    |                     |                             |             |           |                  |            |
| index       | sheet    |    |    |                     |                             |             |           |                  |            |

## 4

Schematic: for P/N 10019407-05YZA OR -05YZALF



NOTE: CONNECT CHS GND TO PCB GROUND

Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (INPUT TO OUTPUT)  
TURNS RATIO: TX 1CT:1 RX 1CT:1CT  
OCL: 350uH Minimum OCL WITH 8 mA BIAS CURRENT  
Insertion Loss (1MHz-65MHz): -1.0dB Max  
Return Loss: 30MHz -16dB Typical  
60MHz -12dB Typical  
80MHz -10dB Typical  
CROSSTALK: 1MHz-100MHz -30dB Minimum  
CMRR: 1MHz-50MHz -30dB Minimum  
50MHz-150MHz -20dB Minimum

| mat'l. code |          |       | surface |            | tolerance   |                                       | projection |        | product family   |                  |
|-------------|----------|-------|---------|------------|-------------|---------------------------------------|------------|--------|------------------|------------------|
| ltr         | ecn      | no dr | date    | ASME Y14.5 | ASME Y14.5  | tolerances unless otherwise specified | ASME Y14.5 | INCH   | title            | MODJACK          |
| K           |          |       |         | angle      | 0.010       | 0.010                                 | 0.010      | 0.010  | NETJACK, W/LED'S | SINGLE PORT ASSY |
|             |          |       |         | dr         | L.POTTEIGER | 3/2/04                                | 3/2/04     | 3/2/04 | dwg no           | 10019407         |
|             |          |       |         | eng        | JKONTOS     | 3/4/04                                | 3/4/04     | 3/4/04 | sheet of         | 4                |
|             |          |       |         | chr        | JKONTOS     | 3/4/04                                | 3/4/04     | 3/4/04 | size             | A4               |
|             |          |       |         | appd       | JKONTOS     | 3/4/04                                | 3/4/04     | 3/4/04 | type             | CUSTOMER Drawing |
| sheet       | revision |       |         |            |             |                                       |            |        |                  |                  |
| index       | sheet    |       |         |            |             |                                       |            |        |                  |                  |