

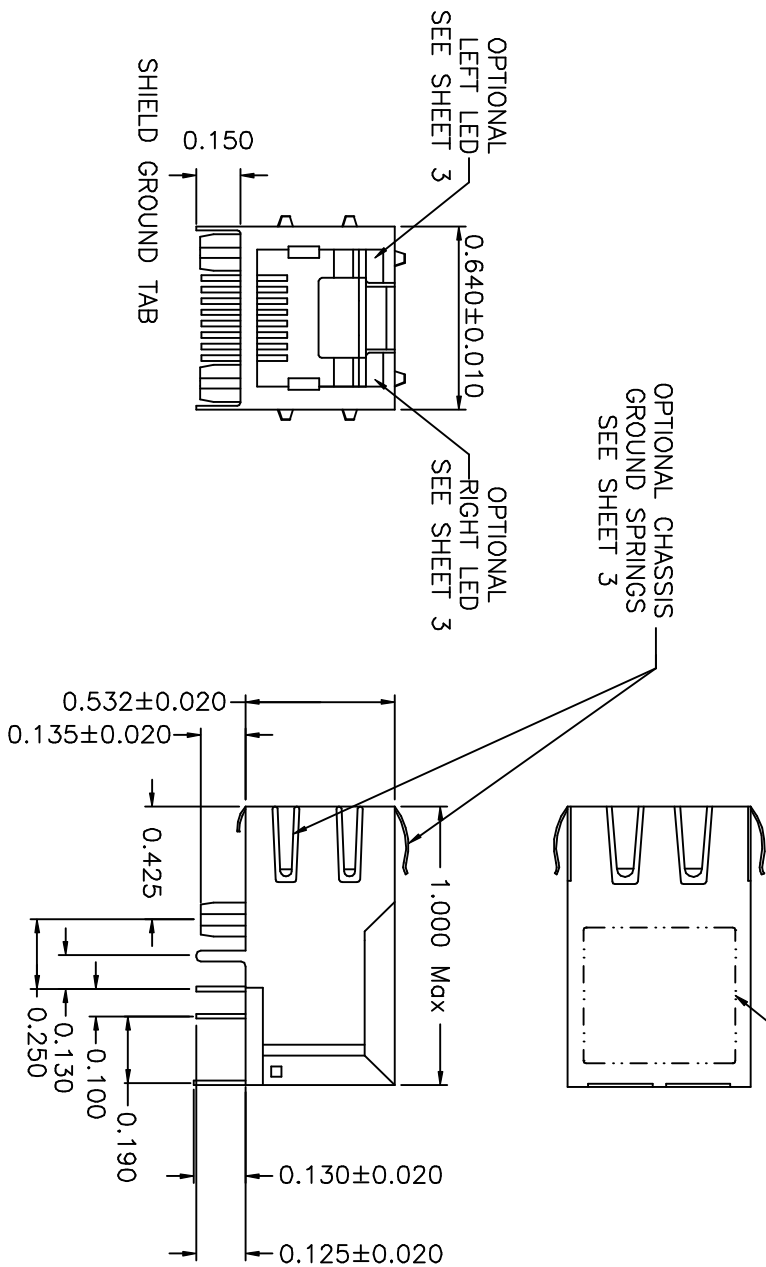
PRODUCT NUMBER  
SEE SHEET 3

1 | 2

3 |

4

PART NUMBER AND  
DATE CODE LABEL



B

A

form: A4mmxLc

1 |

2 |

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4

mat'l. code	surface	tolerance	projection	product family
ASME Y14.5	ASME Y14.5	ASME Y14.5	ASME Y14.5	MODJACK
ltt ecn no dr date	tolerances unless otherwise specified	INCH	scale 1:1	NETJACK, W/LED'S SINGLE PORT ASSY
G V05-0875 DAI 09/13/05	xxx ±.010			sheet 1 of 8 size
H V06-0161 DAI 02/16/06				A4
J V06-0631 JRR/2006-07-10T ±.27				CUSTOMER Drawing
K T06-0197 JH 11/23/06 dr	engr LPORTER 11/15/02			
	chtr JKONTOS 11/15/02			
	oppd JKONTOS 11/15/02			
sheet revision	K K K K K K K			
index sheet	1 2 3 4 5 6 7 8			



PRODUCT NO.

10019407-XXYZA LF

LEAD FREE  
BLANK = NO  
LF = YES

OPTIONAL CHASSIS  
GROUND SPRINGS  
0 = WITH  
1 = WITHOUT

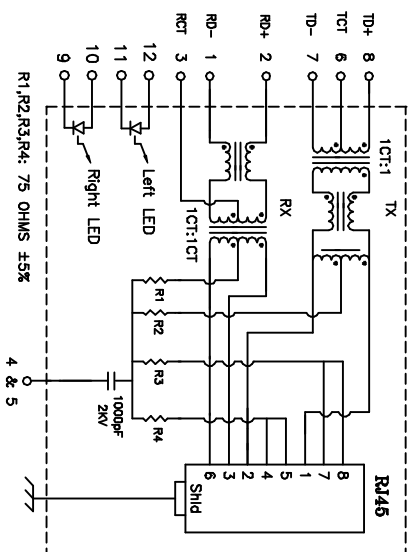
LEFT LED  
COLORS  
0 = NO LED  
1 = YELLOW  
2 = GREEN  
3 = AMBER  
4 = RED  
5 = YELLOW/GREEN BI-COLOR

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	ASME Y14.5	INCH	MODJACK	NETJACK, W/LED'S
K			angle	.xxx±.010	scale 1/1				SINGLE PORT ASSY
			dr	L.POTTINGER	11/15/02				sheet 3 of
			eng	J.KONTOS	11/15/02				A4
			chr	J.KONTOS	11/15/02				
			appd	J.KONTOS	11/15/02				
sheet	revision								
index	sheet								



**Schematic: for P/N 10019407-01YZA OR -01YZALF**



**NOTE: CONNECT CHS GND TO PCB GROUND**

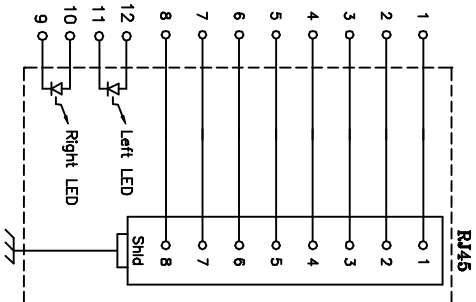
**Electrical Specifications: @25°C**

Isolation Voltage: 1500 Vrms (N/PUR to OUTPUT)  
Isolation Voltage: 500 Vrms (B-6-PUR-2-1+3)  
TURN-ON RATIO: TX 10:1  $\pm$ 5% RX 10:1  $\pm$ 5%  
OCL: 350uH Minimum @ 100KHz 100mV BnADC  
Insertion Loss (1MHz-100MHz): -1.0dB Max  
Return Loss: 30MHz -16dB Typical  
60MHz -14dB Typical  
80MHz -12dB Typical  
CROSS-TALK: 1MHz-100MHz -35dB Minimum  
CMRR: 1MHz-100MHz -35dB Minimum

mat'l. code		surface		tolerance		projection	
		ASME Y14.5		ASME Y14.5		 specified	
itr	ecn	no	dr	date		title	
						NETJACK, W/LED'S SINGLE PORT ASSY	
k				tolerances unless otherwise specified			
				angles UN .XXX±.010		 INCH	
				0° ±2°		scale	
				dr L.POTTINGER 11/15/02		dwg no	
				eng JKONITS 11/15/02		sheet 4 of	
				chr JKONITS 11/15/02		10019407	
				dppd JKONITS 11/15/02		size	
						A4	
sheet		revision				type	
index		sheet				CUSTOMER Drawing	

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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	
ltr	ecrn no	dr	date	ASME Y14.5 tolerances unless otherwise specified		MODJACK	
K				angle 0° ±2°	INCH	NETJACK, W/LED'S SINGLE PORT ASSY	
				.xxx±.010	scale		
				dr L.POTTINGER	3/17/03		
				eng J.KONIOS	3/17/03		
				chr J.KONIOS	3/17/03		
				qppd J.KONIOS	3/17/03	sheet 6 of 10019407 CUSTOMER Drawing	
sheet	revision						
index	sheet						



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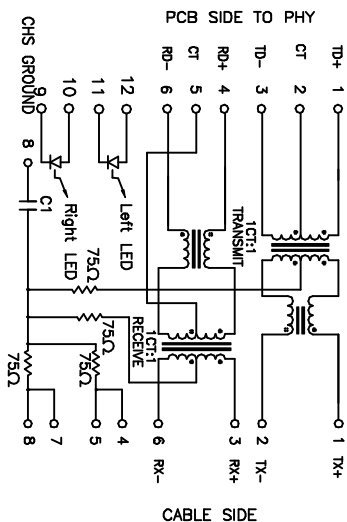


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### Schematic: for P/N 10019407-04YZA OR -04YZALF



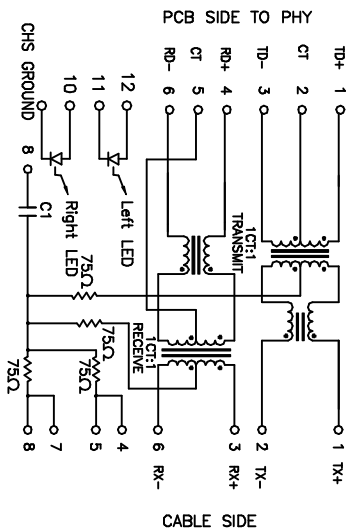
NOTE: CONNECT CHS GND TO PCB GROUND

### Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (INPUT TO OUTPUT)  
TURNS RATIO: TX 1CT:1 RX 1CT:1CT  
OCL: 350μH 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  
1MHz-50MHz -30dB Minimum  
50MHz-150MHz -20dB Minimum

mat'l. code		surface		tolerance		projection		product family	
litr	ecm no	dr	dot	ASME Y14.5	ASME Y14.5	ASME Y14.5	ASME Y14.5	MODJACK	MODJACK
K				tolerances unless otherwise specified				NETJACK, W/LED'S	
				angle	xxxx.010	INCH		SINGLE PORT ASSY	
				dr ±27		scale		dwg no	sheet 7 of
				dr	L.POTTINGER	11/15/02		10019407	A4
				engr	J.KONTOS	11/15/02			
				chr	J.KONTOS	11/15/02			
				qppd	J.KONTOS	11/15/02			
sheet	revision								
index	sheet								

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	angle	angle	angle	angle	NETJACK, W/LED'S	
				0° ±2°	0° ±2°	0° ±2°	0° ±2°	0° ±2°	SINGLE PORT ASSY	
				dr	L.POTTEIGER	3/2/04	dr	L.POTTEIGER	10019407	sheet 8 of 14
				eng	JKONTOS	3/4/04	eng	JKONTOS	10019407	size A4
				chr	JKONTOS	3/4/04	chr	JKONTOS	10019407	customer Drawing
				appd	JKONTOS	3/4/04	appd	JKONTOS	10019407	customer Drawing
sheet	revision									
index	sheet									