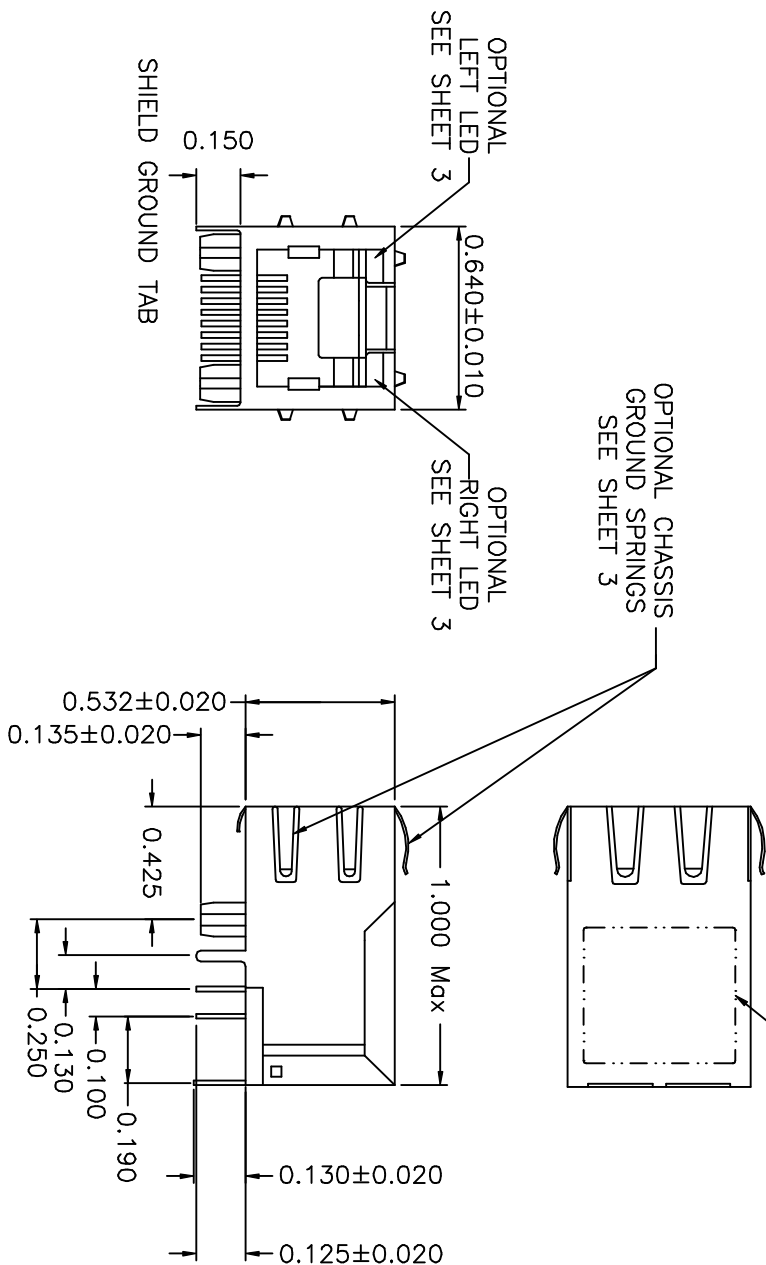
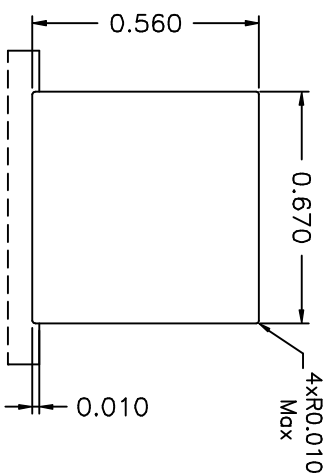


PRODUCT NUMBER
SEE SHEET 3

PART NUMBER AND
DATE CODE LABEL



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	angle	INCH	title
G V05-0875 DAI 09/13/05				NETJACK, W/LED'S
H V06-0161 DAI 02/16/06				SINGLE PORT ASSY
J V06-0831 JRR/2006-07-10T #27				
K T06-0197 JH 11/23/06 dr	engr LPORTER	11/15/02	scale 1:1	dwg no sheet 1 of 8 size
	chtr JKONTOS	11/15/02		10019407 A4
	ppd JKONTOS	11/15/02		CUSTOMER Drawing
sheet revision	K	K	K	K
index sheet	1	2	3	4



1	2
---	---

3

FREE
NO
YES

 CH_3SPR

D

W/GREEN

W/GREEN

ED

D
W
W/GREENW/GREEN

CAL

PAGE 4
PAGE 5
PAGE 6
PAGE 7
PAGE 8

Franc	
E Y1	
Other	
..010	
11/1	
11/1	
11/1	
11/1	

Printed: Apr 09, 2010



A

PDM: Rev:K

PDM: Rev:K

W

R1,R2,R3,R4: 75 OHMS

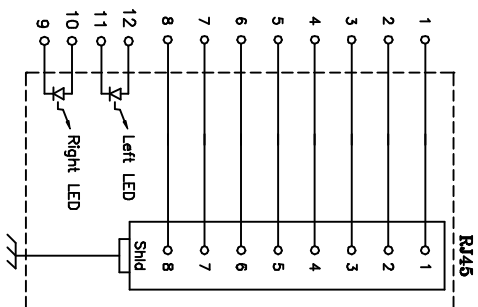
NOTE: CONNECT CHS GND TO PCB GROUND

Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (Input to Output)
Isolation Voltage: 500 Vrms (P1+2+3 to P4+5+6)
Turns Ratio: TX 1CT:1CT ±3% RX 1CT:1CT ±3%
CABLE SIDE OCL: 350uH Minimum @100KHz 100mV
CW/w: 27Pf Typical @100KHz 100mV
Insertion Loss (300KHz-100MHz): -1.0dB Minimum
Return Loss: @30MHz -18dB Minimum
@50MHz -12dB Minimum

form: A4mmXLc

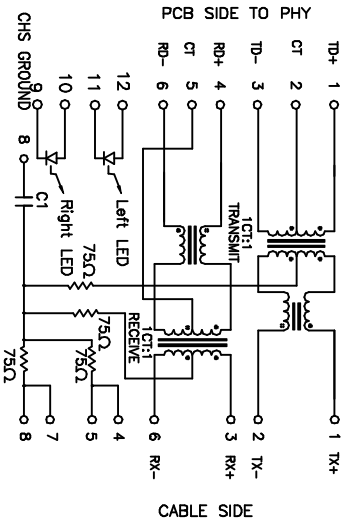
Schematic: for P/N 10019407-03YZA OR -03YZALF



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

mat'l. code		surface		tolerance		projection	
		ASME Y14.5		ASME Y14.5			
itr ecn no dr		date		tolerances unless otherwise specified			
k		angle					
		0° ±2'		.xxx±.010			
		dr		L.POTTEIGER		scale	
		enfr		J.KONTOS		dwg no	
		chr		J.KONTOS		sheet6 of	
		dppd		J.KONTOS		size	
sheet revision						A4	
index sheet						type	
						CUSTOMER Drawing	

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



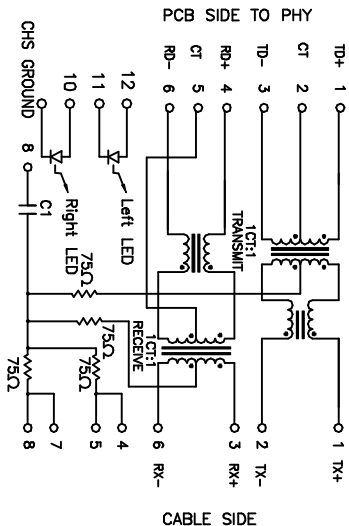
NOTE: CONNECT CHS GND TO PCB GROUND

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	.xxx±.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	scale	scale	dwg no	sheet 8 of
				eng	JKONTOS	3/4/04			10019407	A4
				chr	JKONTOS	3/4/04				
				appd	JKONTOS	3/4/04			type	CUSTOMER Drawing
sheet	revision									
index	sheet									