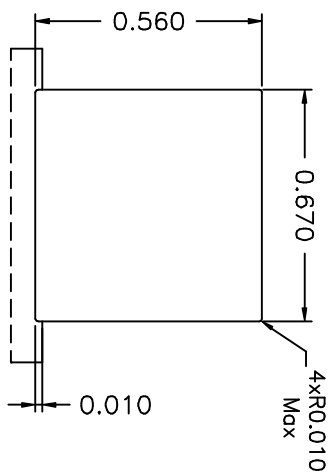
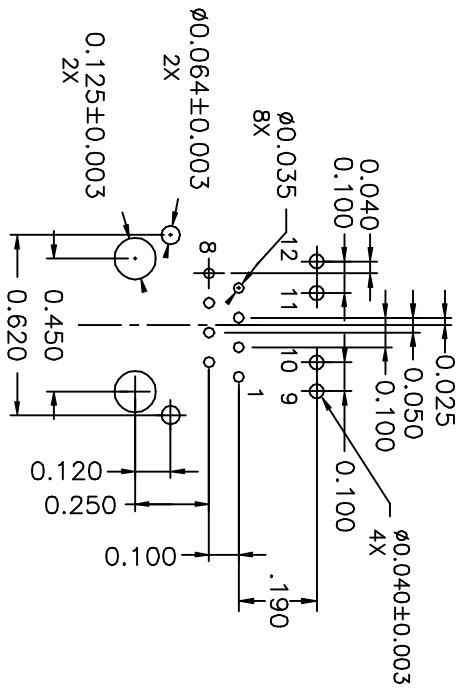


PART NUMBER AND
DATE CODE LABEL

19407	A4
CUSTOMER Drawing	



RECOMMENDED PANEL OPENING

Mounting Pattern:

NOTES :

1. RECOMMENDED PCB THICKNESS 0.062".
2. HOUSING MATERIAL: HIGH TEMP. THERMOPLASTIC, COLOR BLACK, UL94V-0.
3. CONTACT:
MATERIAL: COPPER ALLOY
PLATING: SELECTIVE 30u" GOLD ON CONTACT AREA OVER 50u" NICKEL.
100u" MATTE TIN ON SOLDER TAIL OVER 50u" NICKEL.
GROUND TABS PLATING: HOT DIP TIN ON SOLDER TAIL OVER 40u" NICKEL.
4. SHIELD:
MATERIAL: COPPER ALLOY
PLATING: NICKEL
GROUND TABS PLATING: TIN DIPPED
5. IF LEAD FREE PART NUMBER, THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.60mm MIN. THICK CIRCUIT BOARD.
6. PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING SPECIFICATION GS-14-920.
7. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

mat'l. code			surface		tolerance		projection		product family	
ltr	ecsn	no dr	date	ASME Y14.5	ASME Y14.5	tolerances unless otherwise specified	ASME Y14.5	ASME Y14.5	MODJACK	
1				angle	0.010	0.010	0.010	0.010	NETJACK, W/LED'S	
				0° ±2°	0.010	0.010	0.010	0.010	SINGLE PORT ASSY	
				dr	L.POTTEGER	11/15/02	scale 1:1	FCI	dwg no	sheet 2 of
				eng	J.KONTOS	11/15/02			10019407	size
				chr	J.KONTOS	11/15/02				A4
				qppd	J.KONTOS	11/15/02				
sheet	revision									
index	sheet									

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								

Printed: Apr 09, 2010



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

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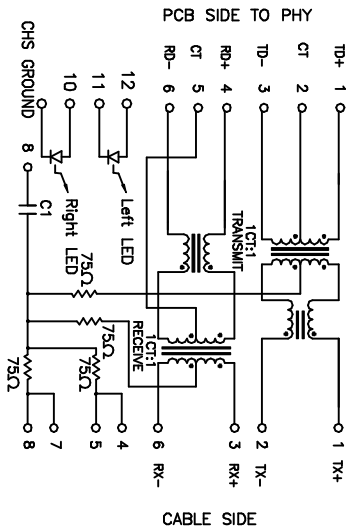
4

mat'l. code		surface	tolerance		product family MODJACK
		ASME Y14.5	ASME Y14.5		
itr	ecn no	dr	date	spec'd	title
K				INCH 	NETJACK, w/LED'S SINGLE PORT ASSY
			angle		
			of		
			or ±?	scale	
			dr	L.POTTIGER	dwg no
			eng	J.KONTOS	sheet 6 of
			chr	J.KONTOS	size
			appd	J.KONTOS	A4
sheet	revision				type
index	sheet				CUSTOMER Drawing

4

mat'l. code		surface		tolerance		projection	
		ASME Y14.5		ASME Y14.5			
itr ecn no dr		date		tolerances unless otherwise specified		title	
k		angle		inches		NETJACK, W/LED'S	
		0 ±.2		.XXX±.010		SINGLE PORT ASSY	
		dr		L.PORTEIGER		dwg no	
		engr		J.KONTOS		sheet 7 of	
		chr		J.KONTOS		10019407	
		qpdp		J.KONTOS		size	
sheet revision						A4	
index sheet						type	
						CUSTOMER Drawing	

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									