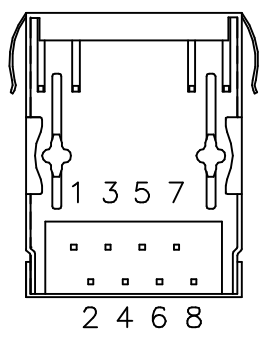


PRODUCT NUMBER
SEE SHEET 3

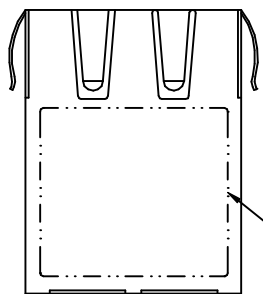
1 2

3

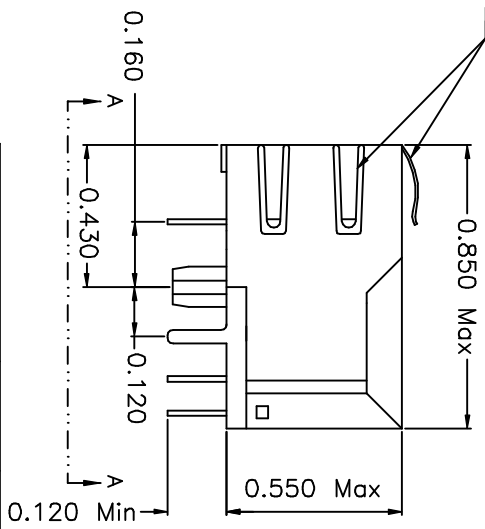
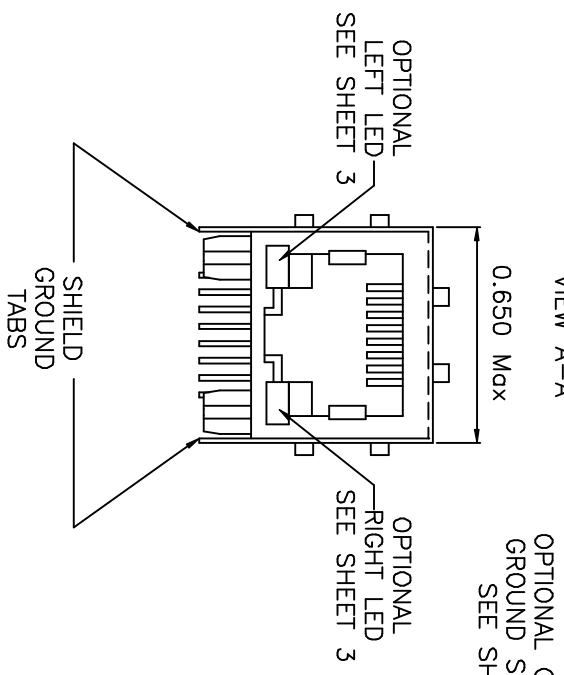
4



VIEW A-A



PART NUMBER AND
DATE CODE LABEL



mat'l. code		SEE NOTES		surface / tolerance		projection		product family	
ltr	ec'n no	dr	date	ASME Y14.5	ASME Y14.5	ASME Y14.5	ASME Y14.5	title	product family
C	VD4-0501	TAB	05/19/04	tolerances unless otherwise specified	ASME Y14.5	ASME Y14.5	ASME Y14.5	NETJACK, W/LED'S	MODJACK
D	VD4-1171	DAI	12/06/04	angle 90°	ASME Y14.5	ASME Y14.5	ASME Y14.5	SINGLE PORT ASSY	
E	VD5-0504	DAI	05/23/05	0° ±2°	ASME Y14.5	ASME Y14.5	ASME Y14.5		
F	VD6-0188	DAI	03/09/06	dr	ASME Y14.5	ASME Y14.5	ASME Y14.5		
G	VD6-0631	JRV	7/18/06	engr	ASME Y14.5	ASME Y14.5	ASME Y14.5		
H	T06-0197	JRH	11/23/06	chr	ASME Y14.5	ASME Y14.5	ASME Y14.5		
		qppd	JKONTOS	10/18/02					
sheet	revision	H	H	H	H	H	H		
index	sheet	1	2	3	4	5			



dwg no 10017802 sheet 1 of 5 size A4
type CUSTOMER Drawing

form: A4mmXc

1

2

3

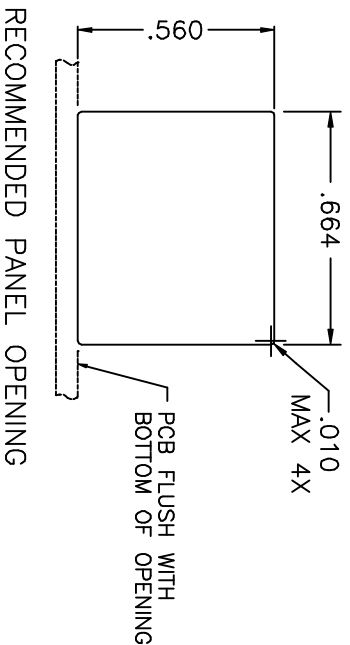
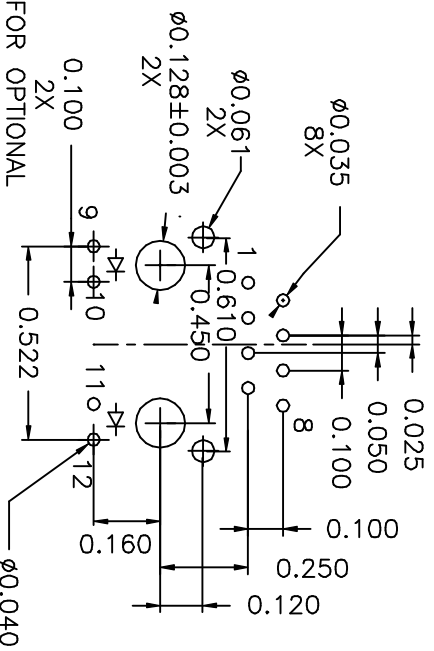
4

PRODUCT NUMBER
SEE SHEET 3

1 | 2

3 |

4



NOTES :

1. RECOMMENDED PCB THICKNESS 0.062".
2. HOUSING MATERIAL: HIGH TEMP. THERMOPLASTIC, COLOR BLACK, UL94V-0.
3. CONTACT:

MATERIAL: COPPER ALLOY
MATING AREA PLATING: GOLD OVER NICKEL
SOLDER AREA PLATING: TIN OVER NICKEL

4. SHIELD:

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.

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 1.6mm 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.

form: A4mmX4c

1 |

2 |

3 |

4

mat'l. code		surface / tolerance		projection		product family	
SEE NOTES		ASME Y14.5 / ASME Y14.5		projection		MODJACK	
ltr	ecn no	dr	date	tolerances unless otherwise specified	scale NTS	dwg no	sheet 2 of 5 size
H				angle 10°	INCH	NETJACK, W/LED'S	A4
				or ±2°	xxx ±.010	SINGLE PORT ASSY	
				dr	L.POTTIER	10/18/02	
				eng	J.KONTOS	10/18/02	
				chr	J.KONTOS	10/18/02	
				app	J.KONTOS	10/18/02	
sheet	revision						
index	sheet						

1 | 2

3 |

4

PRODUCT NUMBER

10017802-XYZZALF

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
03 = SEE PAGE 5

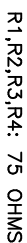
mat'l. code			surface / tolerance		projection	product family	
SEE NOTES			ASME Y14.5	ASME Y14.5		MODJACK	
ltr	ecn	no	dr	date	tolerances unless otherwise specified	title	
H					angle ± .010	NETJACK, W/LED'S	
					dr ± .010	SINGLE PORT ASSY	
					dr L.POTTINGER 10/18/02	sheet 3 of 5	
					engt J.KONTOS 10/18/02	size A4	
					chr J.KONTOS 10/18/02	type CUSTOMER Drawing	
					qppd J.KONTOS 10/18/02		
sheet	revision						
index	sheet						

1 |

2 |

3 |

4



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 $\pm 3\%$ RX 1CT:1CT $\pm 3\%$
CABLE SIDE OCL: 350uH Minimum @100KHz 100mV 8mA DC
Insertion Loss (300KHz-100MHz): -1.0dB Maximum
Return Loss: @30MHz -20dB Minimum
@80MHz -15dB Typ

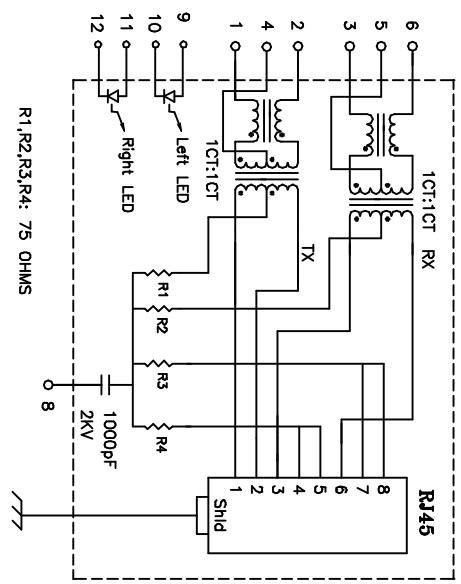
4



FCIconnect.com

PRODUCT NUMBER
SEE SHEET 3

Schematic: for P/N 10017802-03YZA OR -03YZALF



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 8mA DC
Insertion Loss (300KHz-100MHz): -1.0dB Maximum
Return Loss: @30MHz -20dB Minimum
@80MHz -15dB Typ

mat'l. code	SEE NOTES	surface	tolerance	projection	product family
tr	ecr no dr	date	ASME Y14.5	ASME Y14.5	MODJACK
H			tolerances unless otherwise specified		
			angle		
			or ±2°		
			dr	scale NTS	
			eng	11/8/02	
			chr	11/8/02	
			appd	11/8/02	
sheet	revision				
index	sheet				

form: A4mmXlc