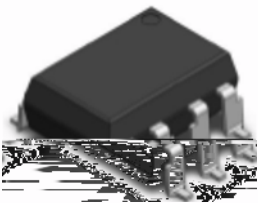




DESCRIPTION:

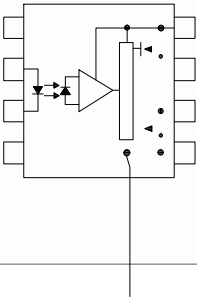


JOCDA3BB-D8P



JOCDA3BB-D8S

MAIN FEATURES



Truth Table

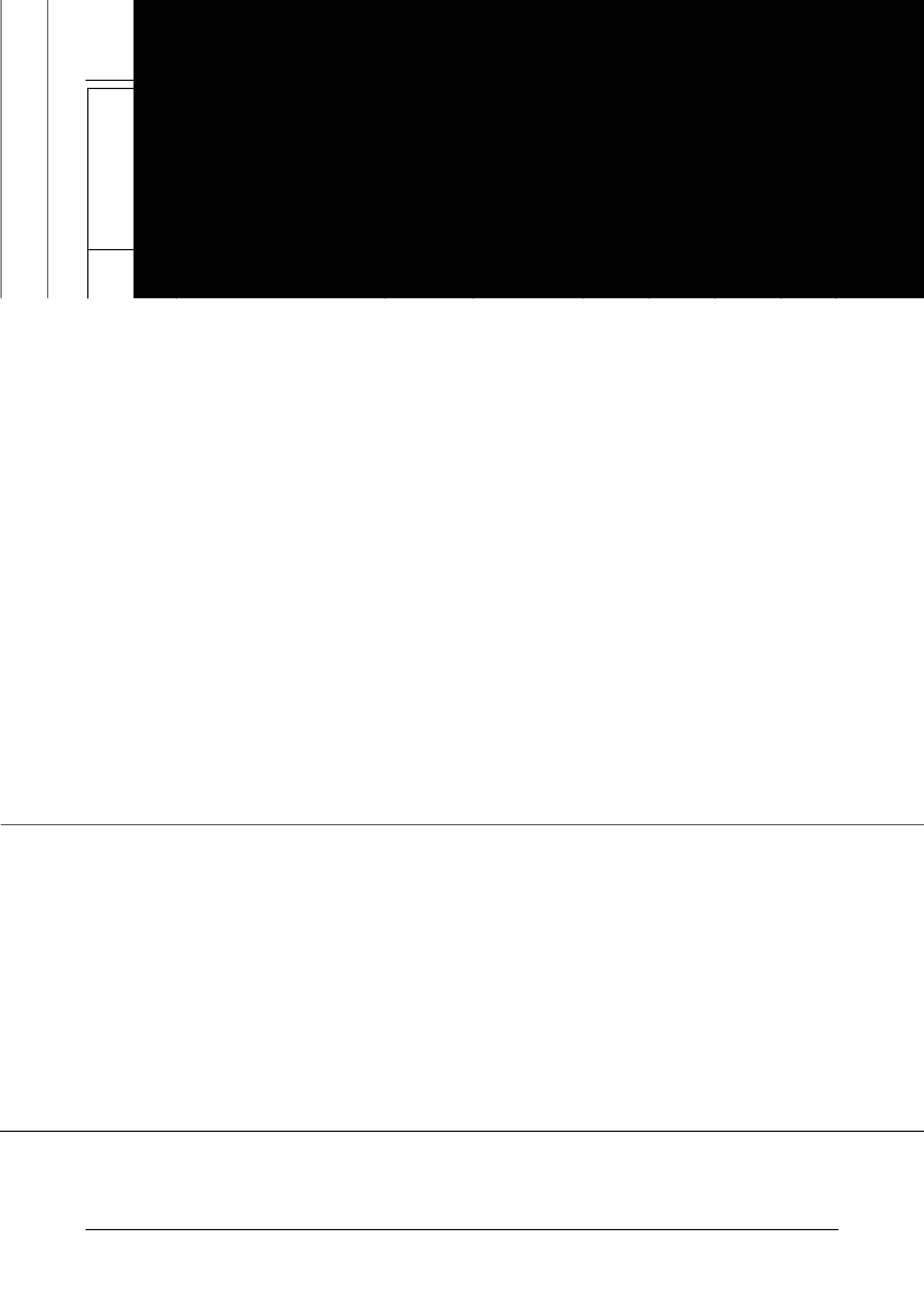


ABSOLUTE MAXIMUM RATINGS

NOTE1: 100 μ s pulse, 100Hz frequency

NOTE2: AC for 1minute, R.H.=40~60%

ELECTRICAL CHARACTERISTICS





Recommended Operating Conditions

Note1: The recommended operating conditions are given as a design guide necessary to obtain the intended performance of the device. Each parameter is an independent value. When creating a system design using this device, the electrical characteristics specified in this datasheet should also be considered.

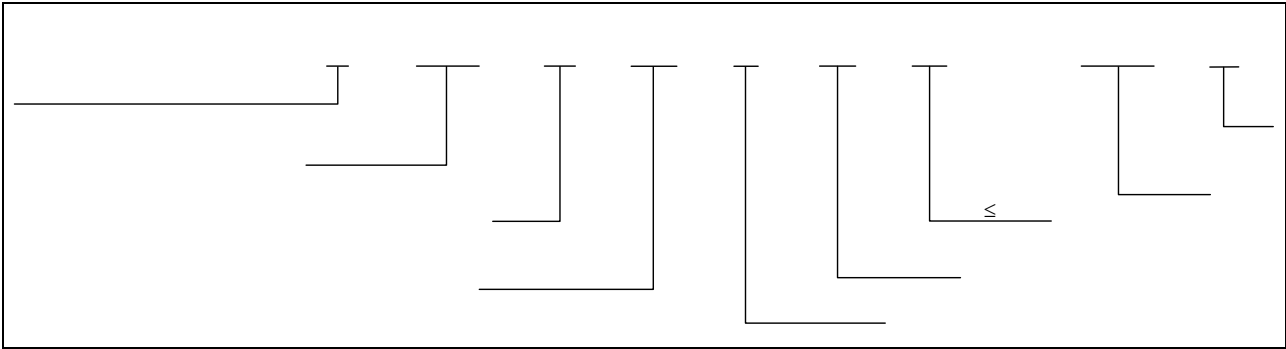
Note2: A ceramic capacitor (0.1 μ F) should be connected between pin 6 (V_{CC}) and pin 4 (GND) to stabilize the operation of a high-gain linear amplifier. Otherwise, this photocoupler may not switch properly. The bypass capacitor should be placed within 1 cm of each pin.

Note3: The rise and fall times of the input on-current should be less than 0.5 μ s.

Note4: If the rising slope of the supply voltage (V_{CC}) for the detector is steep, stable operation of the internal circuits cannot be guaranteed. Be sure to set 3 V/ μ s or less for a rising slope of the V_{CC} .

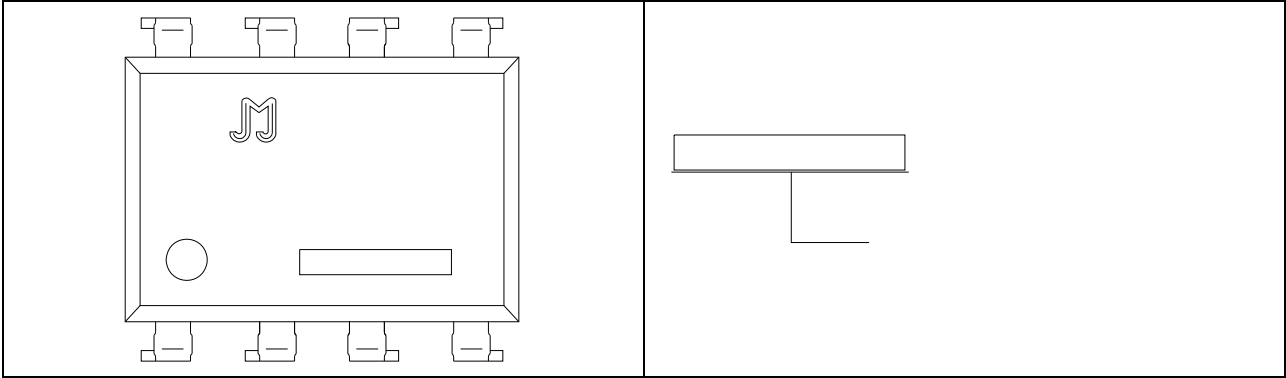


ORDERING INFORMATION



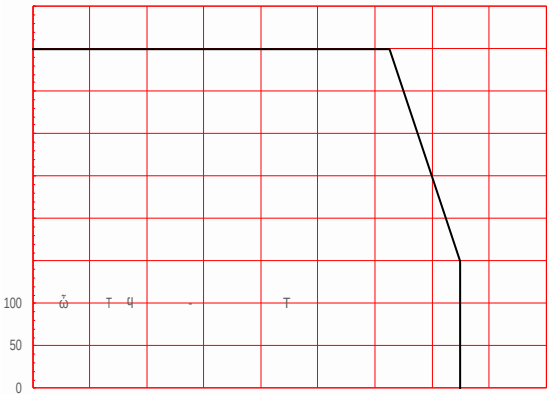
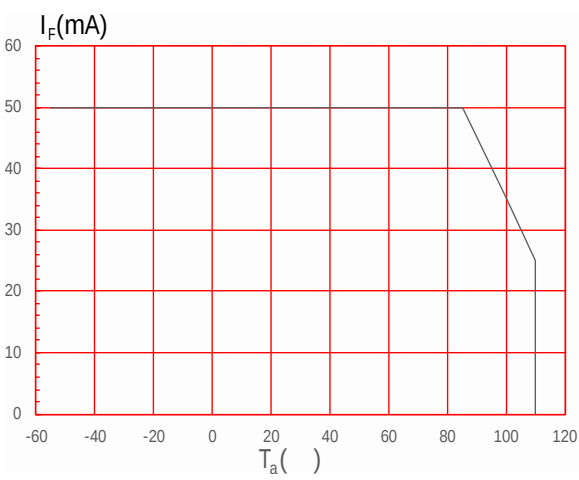
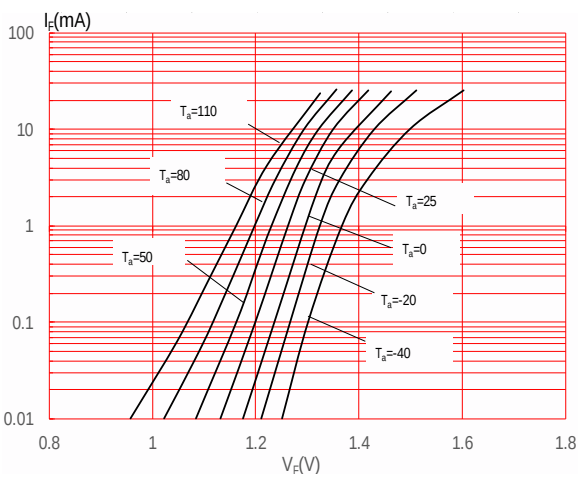
Packing Quantity			
Option	Quantity	Quantity – Inner box	Quantity –Outer box
DIP	50 Units/Tube	40 Tubes/Inner box	5 Inner box/Outer box =10k Units
SMD	1200 Units/Reel	2 Reels/Inner box	5 Inner box/Outer box =12k Units

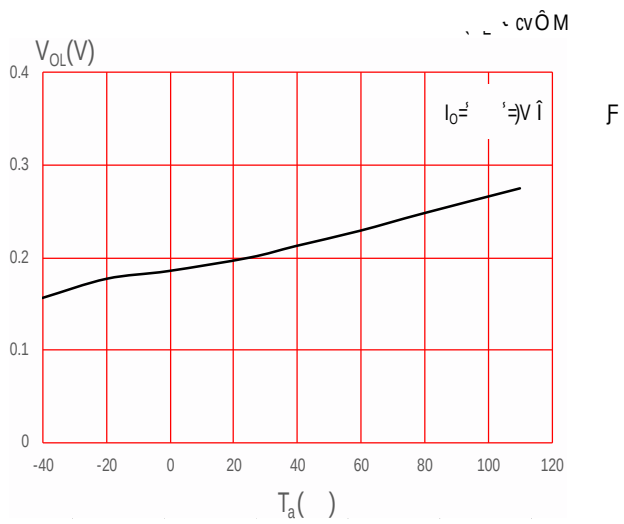
MARKING

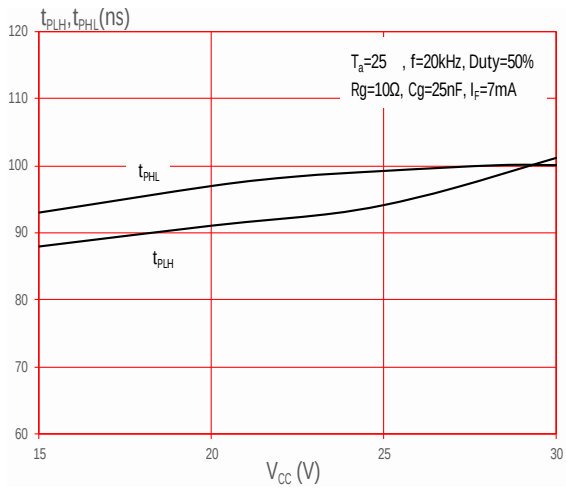




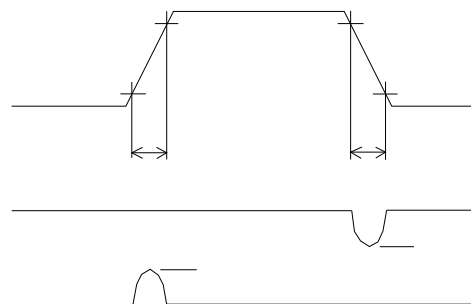
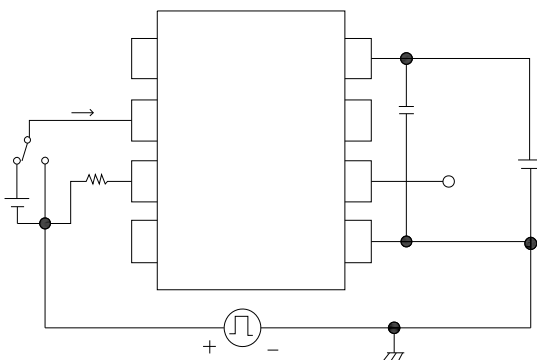
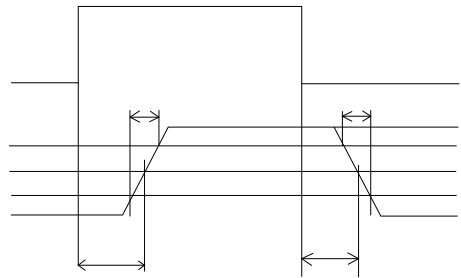
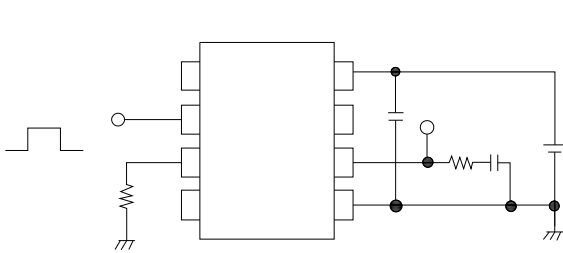
Characteristics Curves





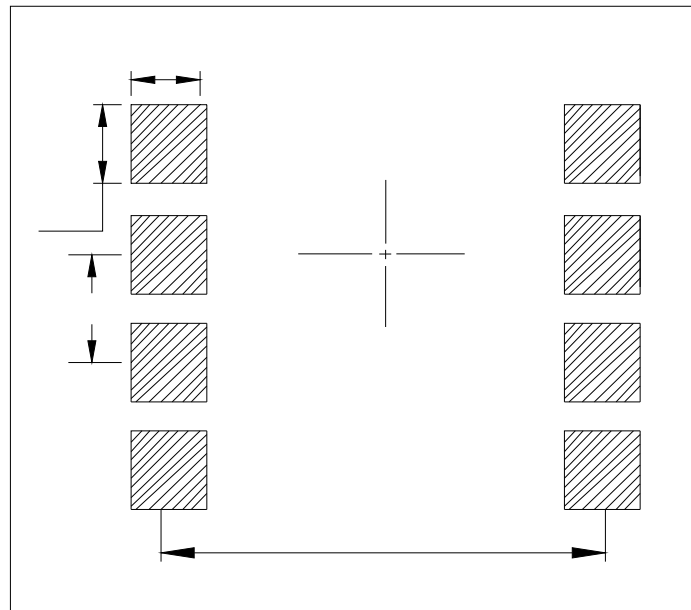


Test Circuits

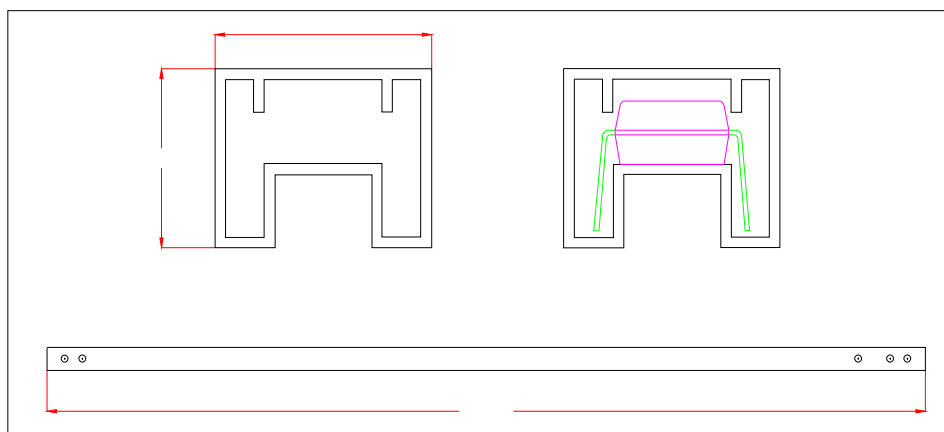


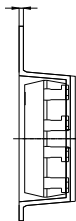
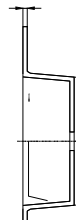


RECOMMENDED SOLDER MASK (Dimensions in mm unless otherwise stated)



TUBE SPECIFICATIONS (Dimensions in mm unless otherwise stated)



[illegible][illegible]

REFLOW INFORMATION

