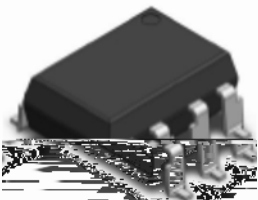




DESCRIPTION:

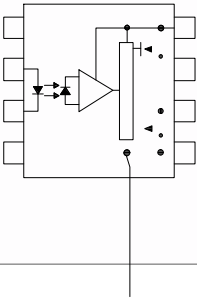


JOCDA3BB-D8P



JOCDA3BB-D8S

MAIN FEATURES



Truth Table

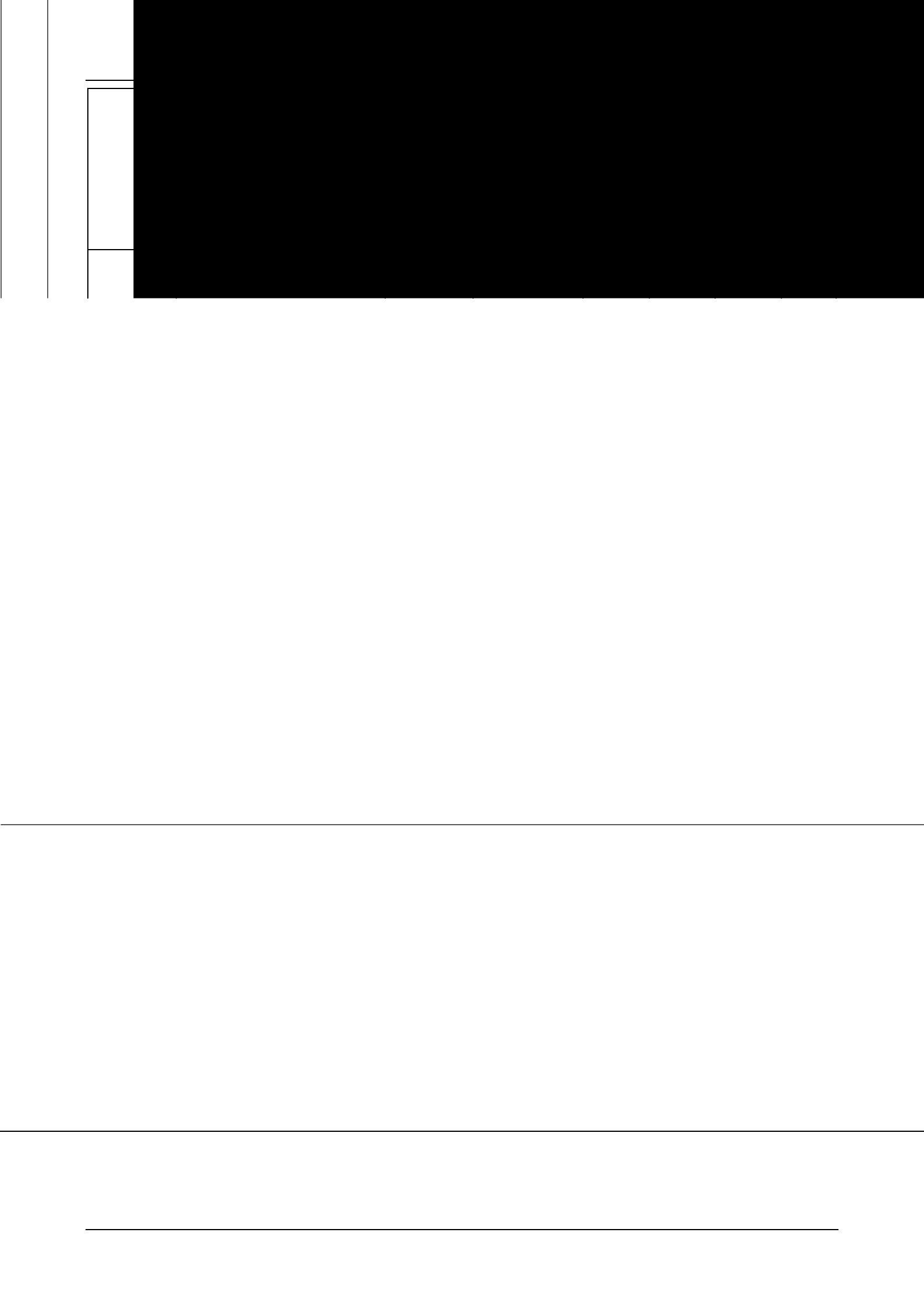


ABSOLUTE MAXIMUM RATINGS

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.

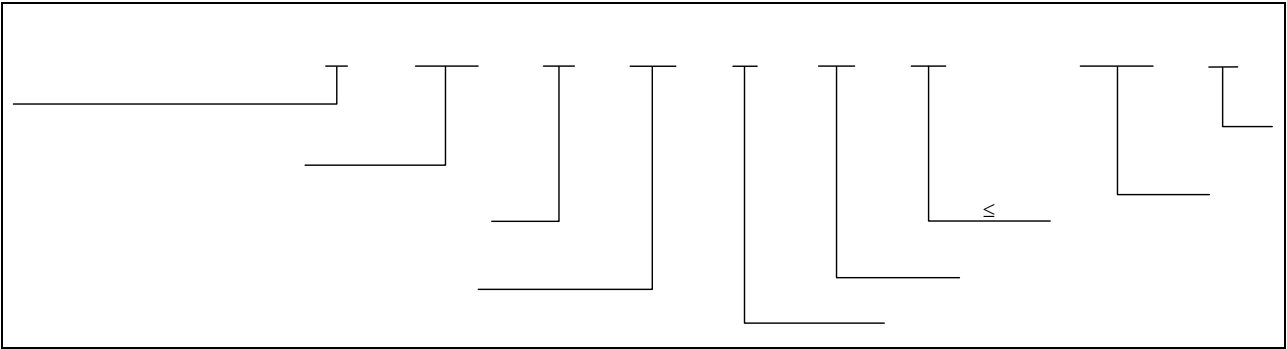
Note2: A ceramic capacitor (0.1 μ F) should be connected between pin 6 (V_{CC}) and pin 4 (GND) to stabilize the operation of a high-gain linear amplifier. Otherwise, this photocoupler may not switch properly. The bypass capacitor should be placed within 1 cm of each pin.

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} .

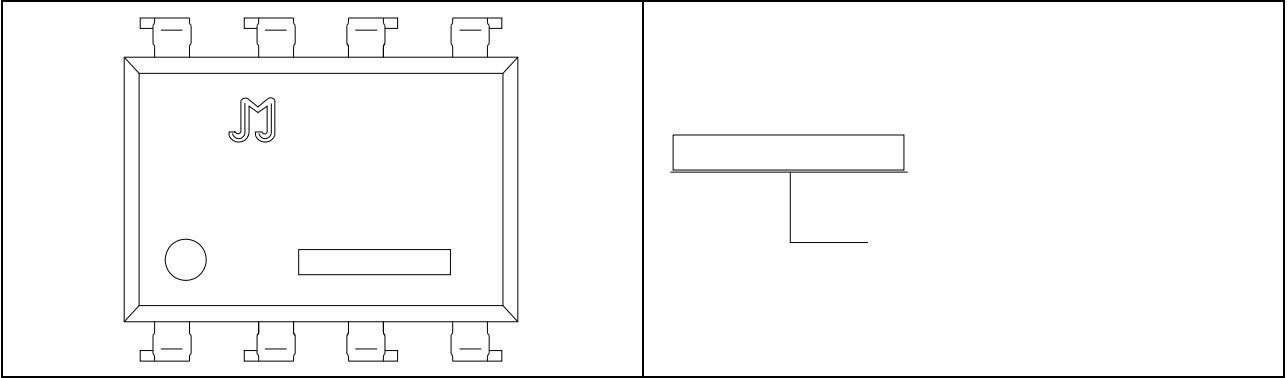


ORDERING INFORMATION



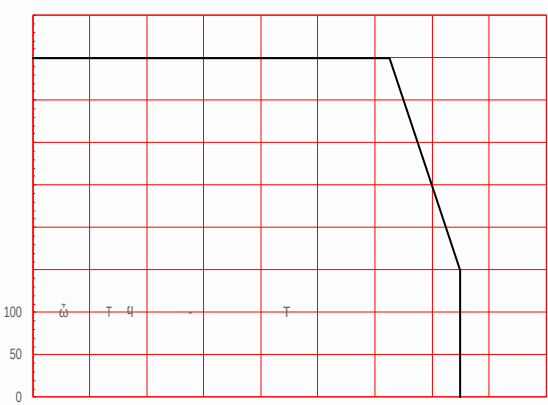
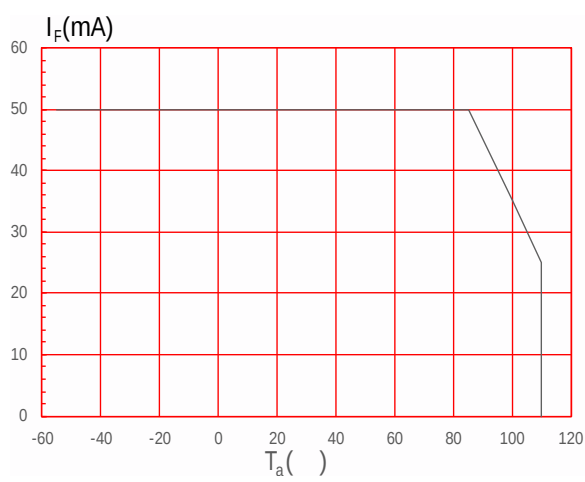
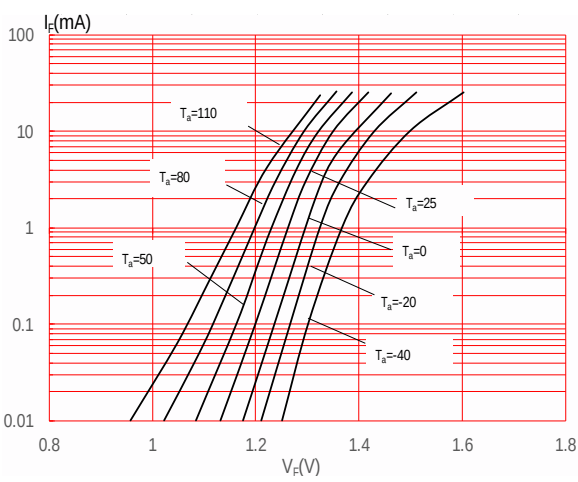
Packing Quantity			
Option	Quantity	Quantity – Inner box	Quantity –Outer box
DIP	50 Units/Tube	40 Tubes/Inner box	5 Inner box/Outer box =10k Units
SMD	1200 Units/Reel	2 Reels/Inner box	5 Inner box/Outer box =12k Units

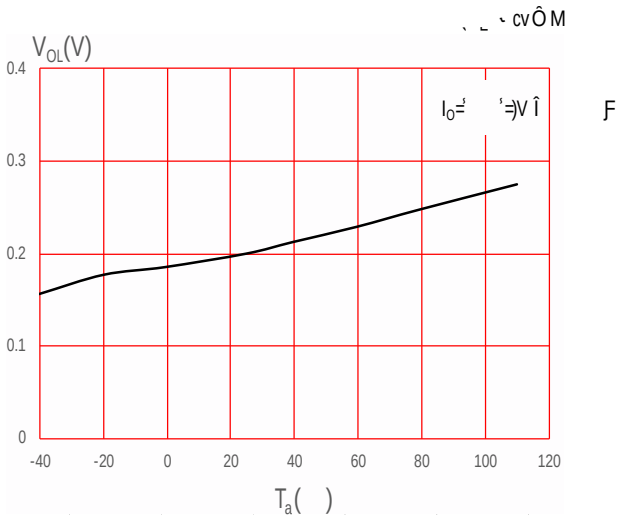
MARKING

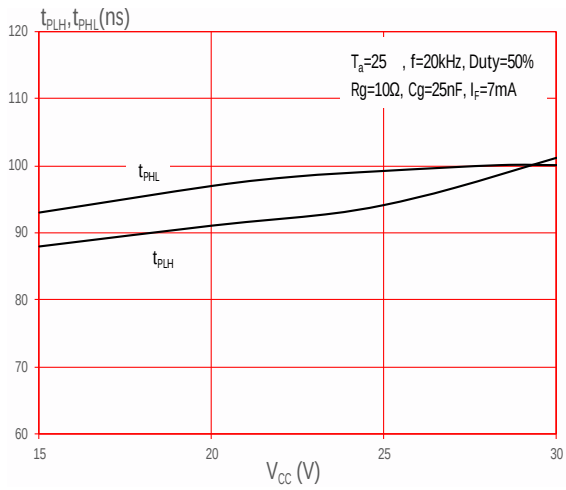




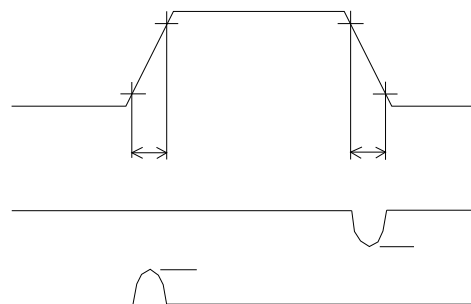
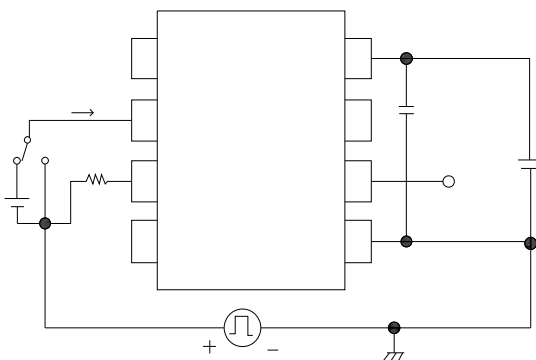
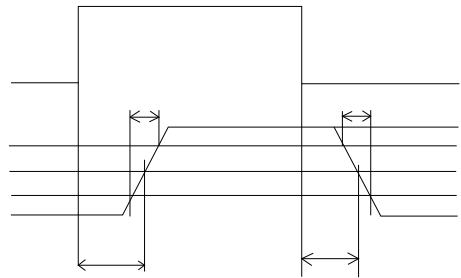
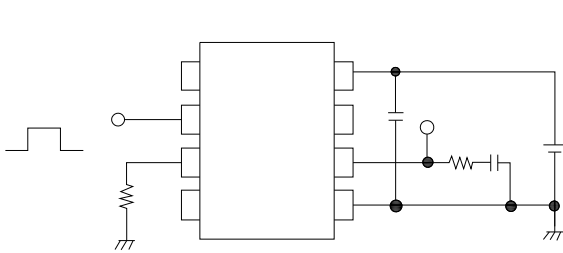
Characteristics Curves





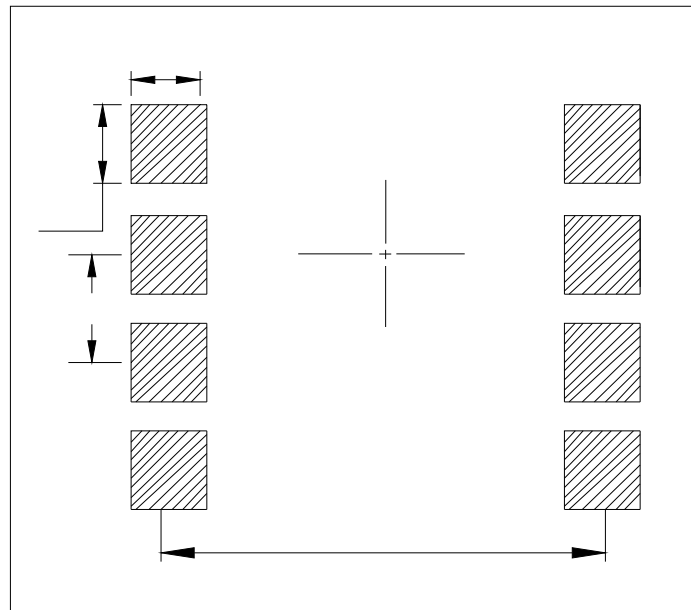


Test Circuits

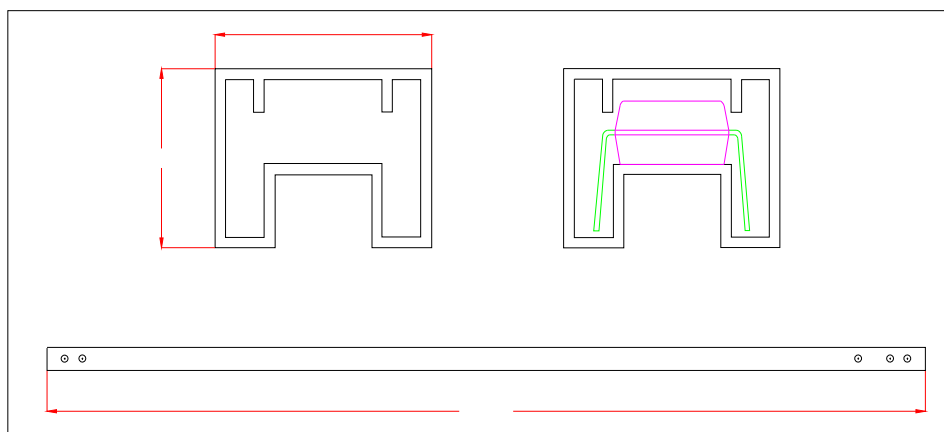




RECOMMENDED SOLDER MASK (Dimensions in mm unless otherwise stated)

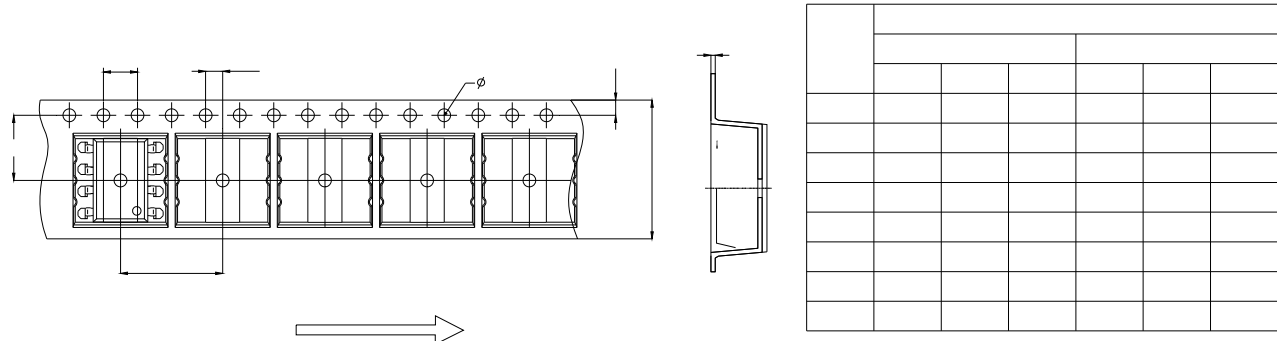
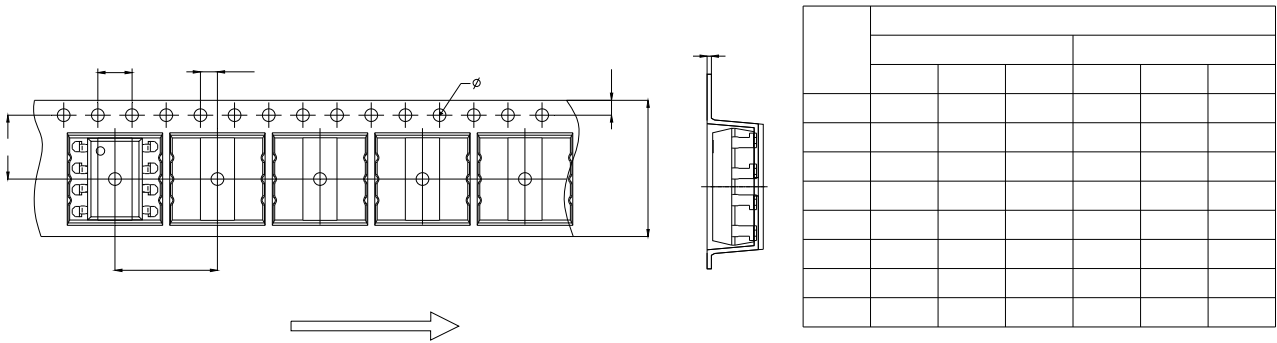


TUBE SPECIFICATIONS (Dimensions in mm unless otherwise stated)

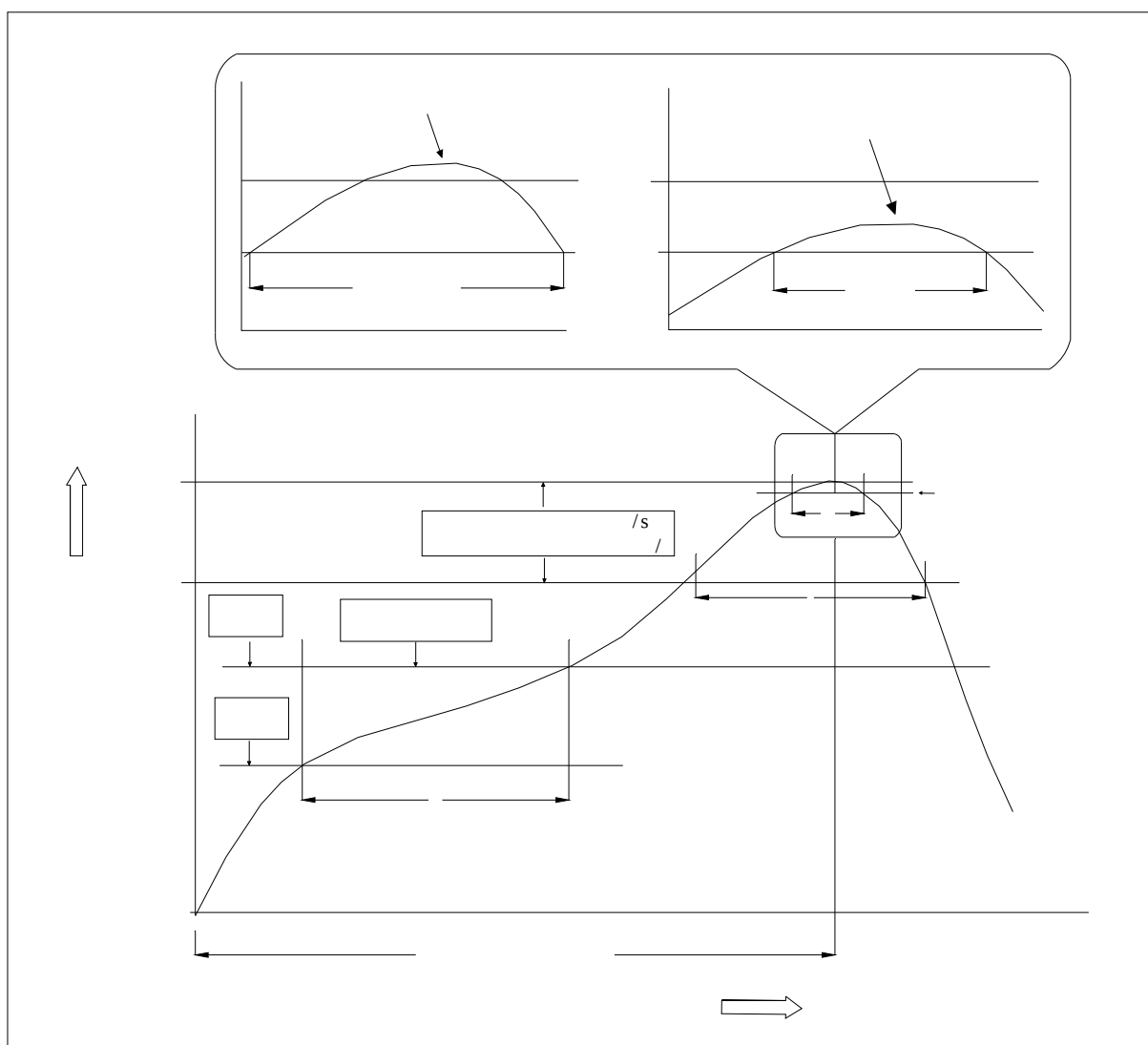




CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)



REFLOW INFORMATION

[illegible]

