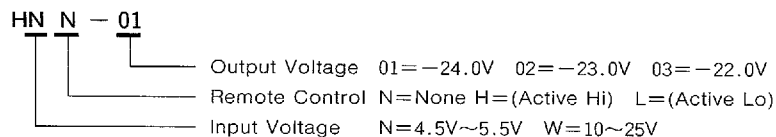


SWITCHING POWER SUPPLY

LCD/DC-DC CONVERTER HN-HW SERIES

ORDERING CODE



FEATURES

- DC-DC converter for STN LCD bias supply
- High efficiency/low leakage current (w/remote Control function)
- SIP configuration allows efficient use of board space
- Lange selection is available
- Wide-range input models w/remote control function are available

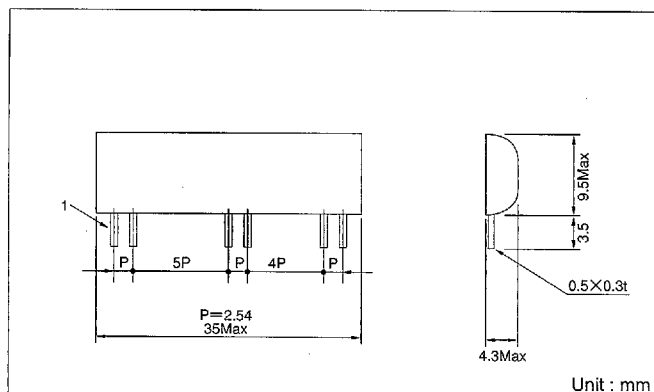
STANDARD SPECIFICATIONS

Operating temperature range: 0~+60°C
 Storage temperature range: -20~+80°C
 Humidity: MAX95% RH
 Load regulation range: 0~100%

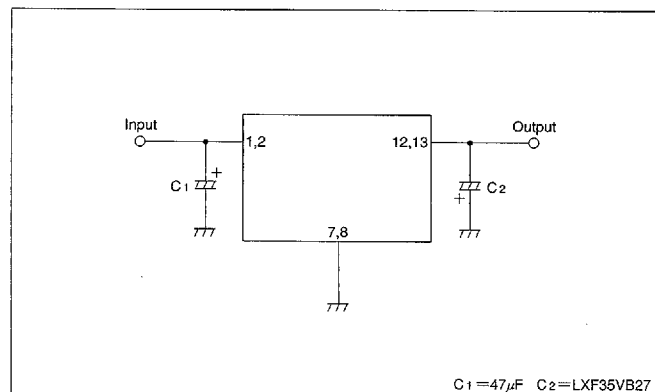
+5V INPUT HNN-0□ type

Ordering code	Input voltage [V _{DC}]	Output voltage [V _{DC}]	Output current [A]	Total regulation [%] MAX	Ripple voltage [mV] P-P	Efficiency [%] MIN
HNN-01	4.5~5.5	-24	0.02	±5.0	200	70
HNN-02		-23	0.02			
HNN-03		-22	0.02			

OUTSIDE DIMENSIONS



CONNECTION



Note: If washing of the parts is required, please consult with us.

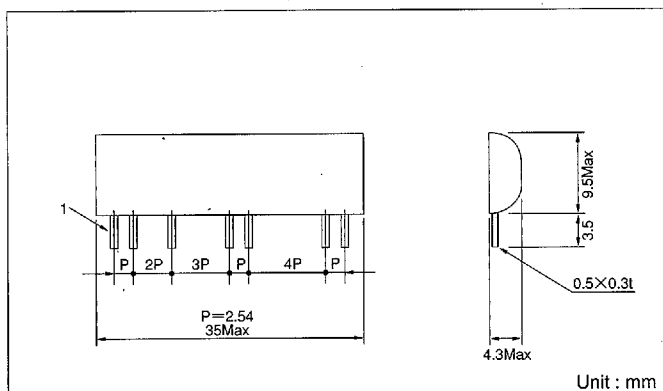
SWITCHING POWER SUPPLY

LCD/DC-DC CONVERTER HN SERIES

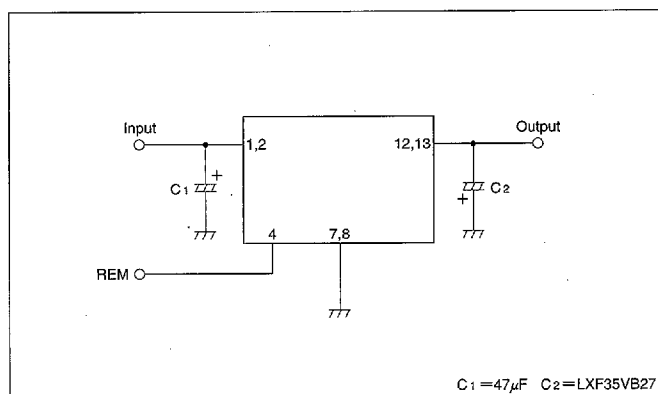
+5V INPUT w/ ON/OFF FUNCTION (RMT=ACTIVE HI) HNH-0□ type

Ordering code	Input voltage [V _{DC}]	Output voltage [V _{DC}]	Output current [A]	Total regulation [%] MAX	Ripple voltage [mV] P-P	Efficiency [%] MIN
HNH-01	4.5~5.5	-24	0.02	±5.0	200	70
HNH-02		-23	0.02			
HNH-03		-22	0.02			

OUTSIDE DIMENSIONS



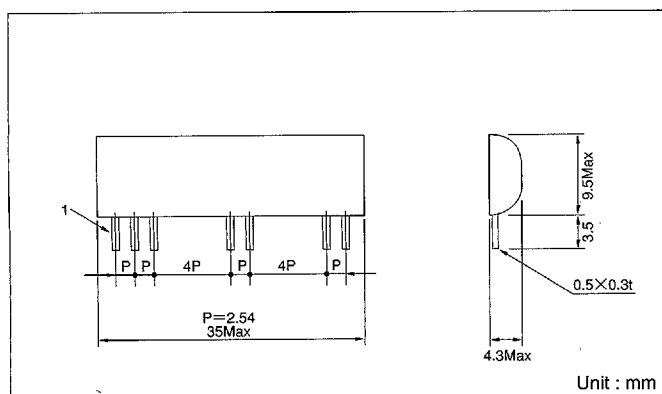
CONNECTION



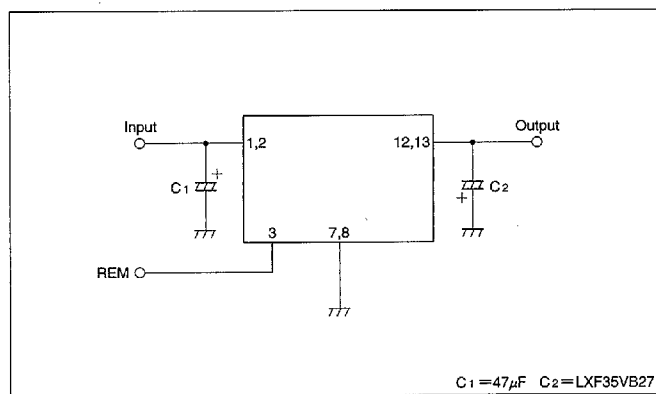
+5V INPUT w/ ON/OFF FUNCTION (RMT=ACTIVE LO) HNL-0□ type

Ordering code	Input voltage [V _{DC}]	Output voltage [V _{DC}]	Output current [A]	Total regulation [%] MAX	Ripple voltage [mV] P-P	Efficiency [%] MIN
HNL-01	4.5~5.5	-24	0.02	±5.0	200	70
HNL-02		-23	0.02			
HNL-03		-22	0.02			

OUTSIDE DIMENSIONS



CONNECTION



Note: If washing of the parts is required, please consult with us.

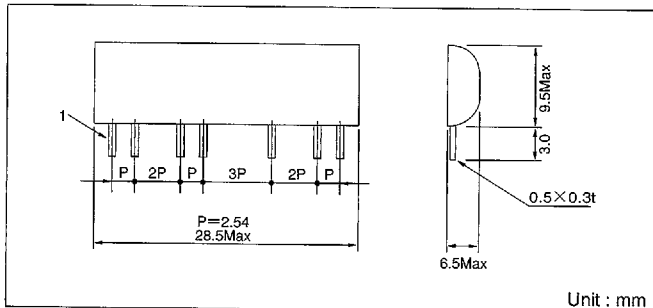
SWITCHING POWER SUPPLY

LCD/DC-DC CONVERTER HW SERIES

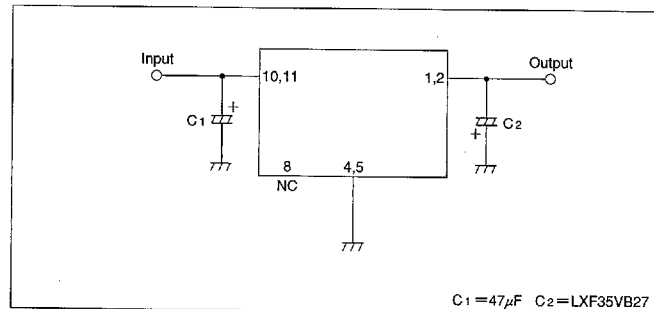
WIDE RANGE INPUT HWN-0□ type

Ordering code	Input voltage [Vdc]	Output voltage [Vdc]	Output current [A]	Total regulation [%] MAX	Ripple voltage [mV] P-P	Efficiency [%] MIN
HWN-01	10~25	-24	0.03	±5.0	200	80 (Vin ≥ 15V)
HWN-02		-23	0.03			
HWN-03		-22	0.03			

OUTSIDE DIMENSIONS



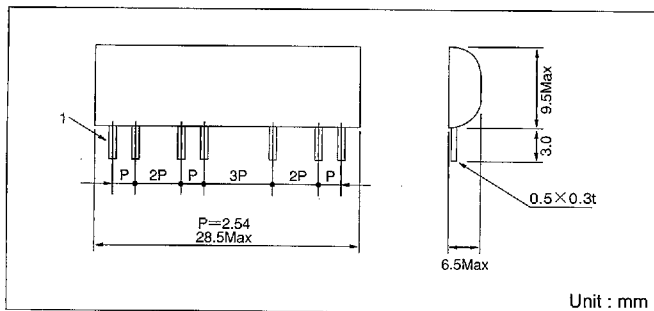
CONNECTION



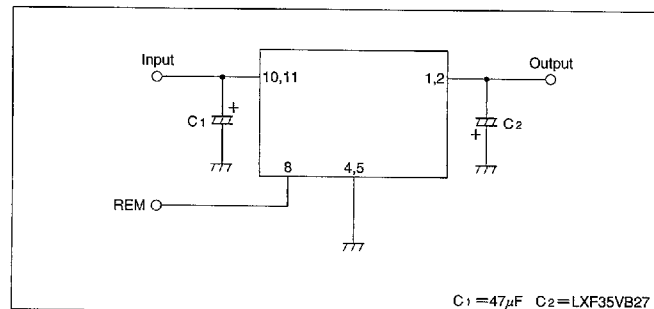
WIDE RANGE INPUT w/ ON/OFF FUNCTION (RMT = ACTIVE HI) HWH-0□ type

Ordering code	Input voltage [Vdc]	Output voltage [Vdc]	Output current [A]	Total regulation [%] MAX	Ripple voltage [mV] P-P	Efficiency [%] MIN
HWH-01	10~25	-24	0.03	±5.0	200	80 (Vin ≥ 15V)
HWH-02		-23	0.03			
HWH-03		-22	0.03			

OUTSIDE DIMENSIONS



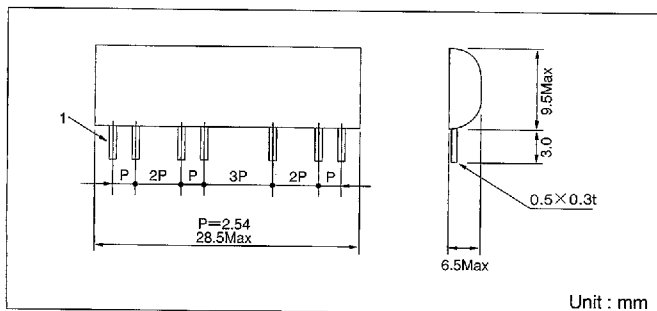
CONNECTION



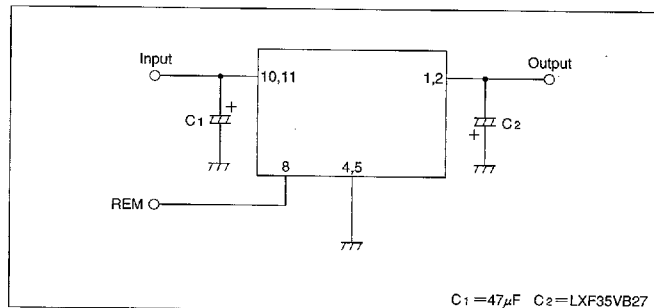
WIDE RANGE INPUT w/ ON/OFF FUNCTION (RMT = ACTIVE LO) HWL-0□ type

Ordering code	Input voltage [Vdc]	Output voltage [Vdc]	Output current [A]	Total regulation [%] MAX	Ripple voltage [mV] P-P	Efficiency [%] MIN
HWL-01	10~25	-24	0.03	±5.0	200	80 (Vin ≥ 15V)
HWL-02		-23	0.03			
HWL-03		-22	0.03			

OUTSIDE DIMENSIONS



CONNECTION



Note: If washing of the parts is required, please consult with us.