

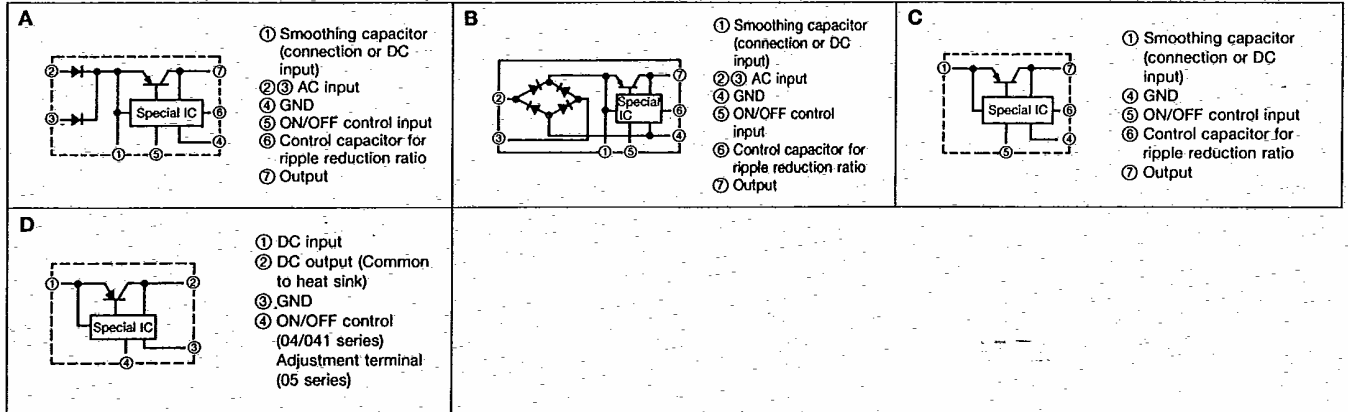
MULTI-FUNCTIONAL REGULATOR MODULE

(Ta=25°C)

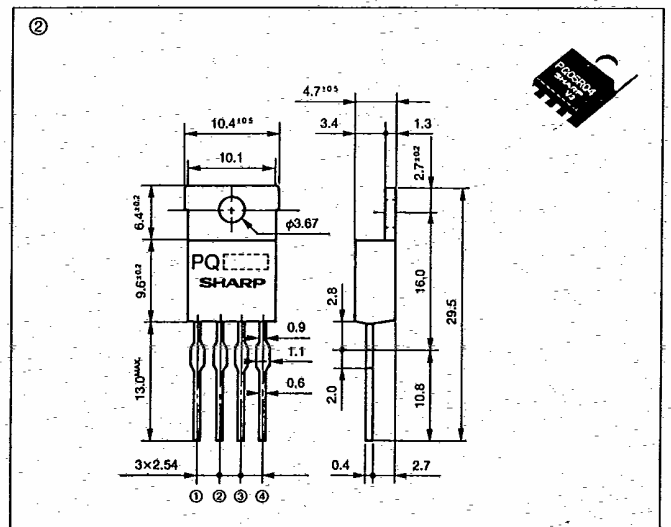
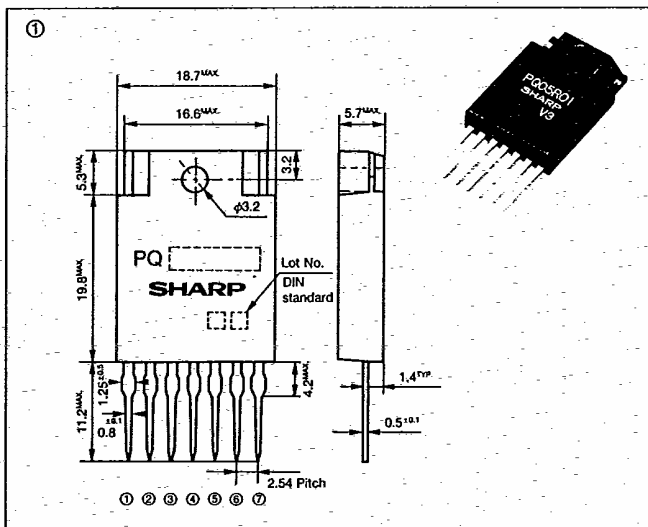
Model No.	Internal Connection Diagram	Outline Dimensions	Features	Absolute Maximum Ratings		Electrical Characteristics					
				DC Input Voltage V_{in} (V)	Output Current I_o (A)	Output Voltage V_o (V) TYP.	Load Variation Ratio Reg L (%) TYP.	Minimum Input-Output Voltage Difference			
								V_{i-o} (V) MAX.	Conditions		
PQ05R01	A	①	Center-tap rectifier	31.0	1.0	5.1	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$	
PQ05R02	B	①		Bridge rectifier	31.0	1.0	5.1	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$
PQ05R03	C	①		DC input	31.0	1.0	5.1	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$
PQ09R01	A	①	• Built-in output voltage ON-OFF control circuit • Built-in overcurrent protection circuit • Built-in overheat compensation circuit	31.0	1.0	9.1	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$	
PQ09R02	B	①		Center-tap rectifier	31.0	1.0	9.1	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$
PQ09R03	C	①		Bridge rectifier	31.0	1.0	9.1	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$
PQ12R01	A	①	Center-tap rectifier	31.0	1.0	12.1	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$	
PQ12R02	B	①		Bridge rectifier	31.0	1.0	12.1	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$
PQ12R03	C	①		DC input	31.0	1.0	12.1	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$
PQ05R04	D	②	• Low-priced • DC input type • Built-in output voltage ON-OFF control circuit • Built-in overcurrent protection circuit • Built-in overheat compensation circuit	31.0	1.0	5.1	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$	
PQ09R04	D	②		Center-tap rectifier	31.0	1.0	9.1	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$
PQ12R04	D	②		Bridge rectifier	31.0	1.0	12.1	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$
PQ05R041	D	②	• High precision output voltage of PQ**R04 series ($\pm 2.5\%$) Note) ** shows 05, 09 or 12.	31.0	1.0	5.0	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$	
PQ09R041	D	②		Center-tap rectifier	31.0	1.0	9.0	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$
PQ12R041	D	②		Bridge rectifier	31.0	1.0	12.0	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$
PQ05R05	D	②	• Type with output voltage minute adjustment terminal of PQ**R04 series Note) Output voltage ON-OFF control circuit is not included.	31.0	1.0	5.1	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$	
PQ09R05	D	②		Center-tap rectifier	31.0	1.0	9.1	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$
PQ12R05	D	②		Bridge rectifier	31.0	1.0	12.1	0.1	$I_o=0.25\sim0.75A$	0.5	$V_o=0.95V$



Internal Connection Diagrams



Outline Dimensions



Unit: mm