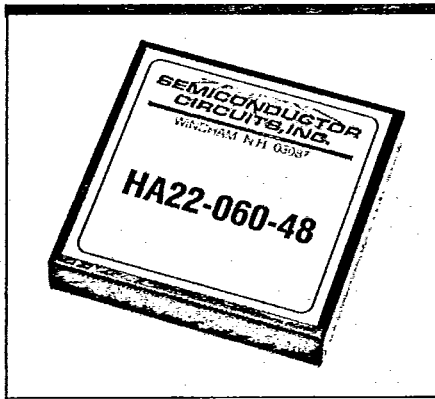


T-57-11



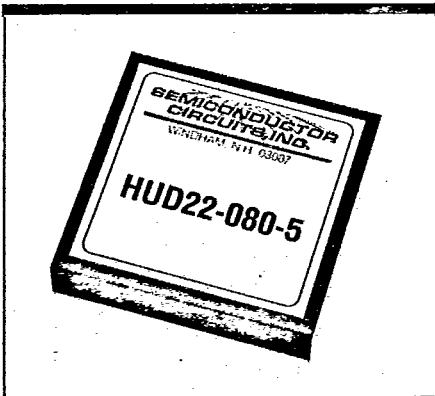
Size: 2.0 x 2.0 x 0.375 inches

5 to 7.5 Watt Single and Dual Output

H Series

- Regulated outputs
- Pi input filter
- Continuous short circuit protection
- MOSFET Design
- 500 VDC I/O isolation
- SMT - surface mount technology

Input Voltage Range VDC	Output Voltage	Output Current	Regulation % Line ± Load ±		Case	Model Number	Case	Model Number
4.5 - 5.5	5 VDC	1000 mA	0.01	0.1	6	HA11-100-5	5B	HP11-100-5
9 - 36	5 VDC	1000 mA	0.25	1.0		HA11-100-18		HP11-100-18
20 - 72	5 VDC	1000 mA	0.25	1.0		HA11-100-48		HP11-100-48
4.5 - 5.5	9 VDC	660 mA	0.01	0.1	6	HA19-066-5	5B	HP19-066-5
9 - 36	9 VDC	660 mA	0.25	1.0		HA19-066-18		HP19-066-18
20 - 72	9 VDC	660 mA	0.25	1.0		HA19-066-48		HP19-066-48
4.5 - 5.5	12 VDC	600 mA	0.01	0.1	6	HA12-060-5	5B	HP12-060-5
9 - 36	12 VDC	600 mA	0.25	1.0		HA12-060-18		HP12-060-18
20 - 72	12 VDC	600 mA	0.25	1.0		HA12-060-48		HP12-060-48
4.5 - 5.5	15 VDC	500 mA	0.01	0.1	6	HA13-050-5	5B	HP13-050-5
9 - 36	15 VDC	500 mA	0.25	1.0		HA13-050-18		HP13-050-18
20 - 72	15 VDC	500 mA	0.25	1.0		HA13-050-48		HP13-050-48
4.5 - 5.5	±12 VDC	±300 mA	0.01	0.1	6	HA22-060-5	5B	HP22-060-5
9 - 36	±12 VDC	±300 mA	0.25	1.0		HA22-060-18		HP22-060-18
20 - 72	±12 VDC	±300 mA	0.25	1.0		HA22-060-48		HP22-060-48
4.5 - 5.5	±15 VDC	±250 mA	0.01	0.1	6	HA23-050-5	5B	HP23-050-5
9 - 36	±15 VDC	±250 mA	0.25	0.1		HA23-050-18		HP23-050-18
20 - 72	±15 VDC	±250 mA	0.25	0.1		HA23-050-48		HP23-050-48

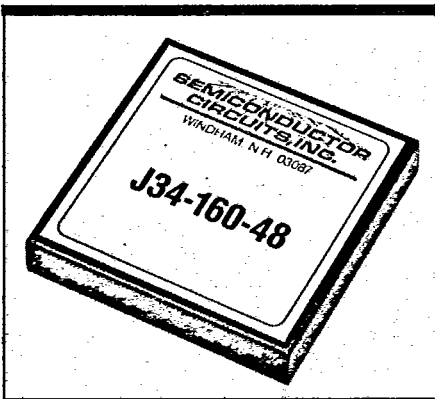


Size: 2.0 x 2.0 x 0.375 inches

3.5 to 9.6 Watt Single and Dual Output HUD/HUA Series

- Unregulated outputs
- Pi input filter
- Efficiency to 80%
- Continuous short circuit protection
- MOSFET design
- 500 VDC I/O isolation
- MTBF 1,000,000 hours

Input Voltage Range VDC	Output Voltage	Output Current	Regulation % Line ± Load ±		Case	Model Number	Case	Model Number
4.0 - 6.0	5 VDC	750 mA	1%/1% Vin	SEE LOAD CURVE	5B	HUD11-075-5	6	HUA11-075-5
4.0 - 6.0	12 VDC	600 mA				HUD12-060-5		HUA12-060-5
4.0 - 6.0	12 VDC	800 mA				HUD12-080-5		HUA12-080-5
4.0 - 6.0	±12 VDC	±300 mA				HUD22-060-5		HUA22-060-5
4.0 - 6.0	±12 VDC	±400 mA				HUD22-080-5		HUA22-080-5
4.0 - 6.0	±15 VDC	±300 mA				HUD23-060-5		HUA23-060-5
4.0 - 6.0	±15 VDC	±400 mA				HUD23-080-5		HUA23-080-5



12 Watt Single, Dual and Triple Output

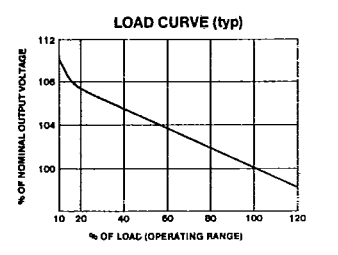
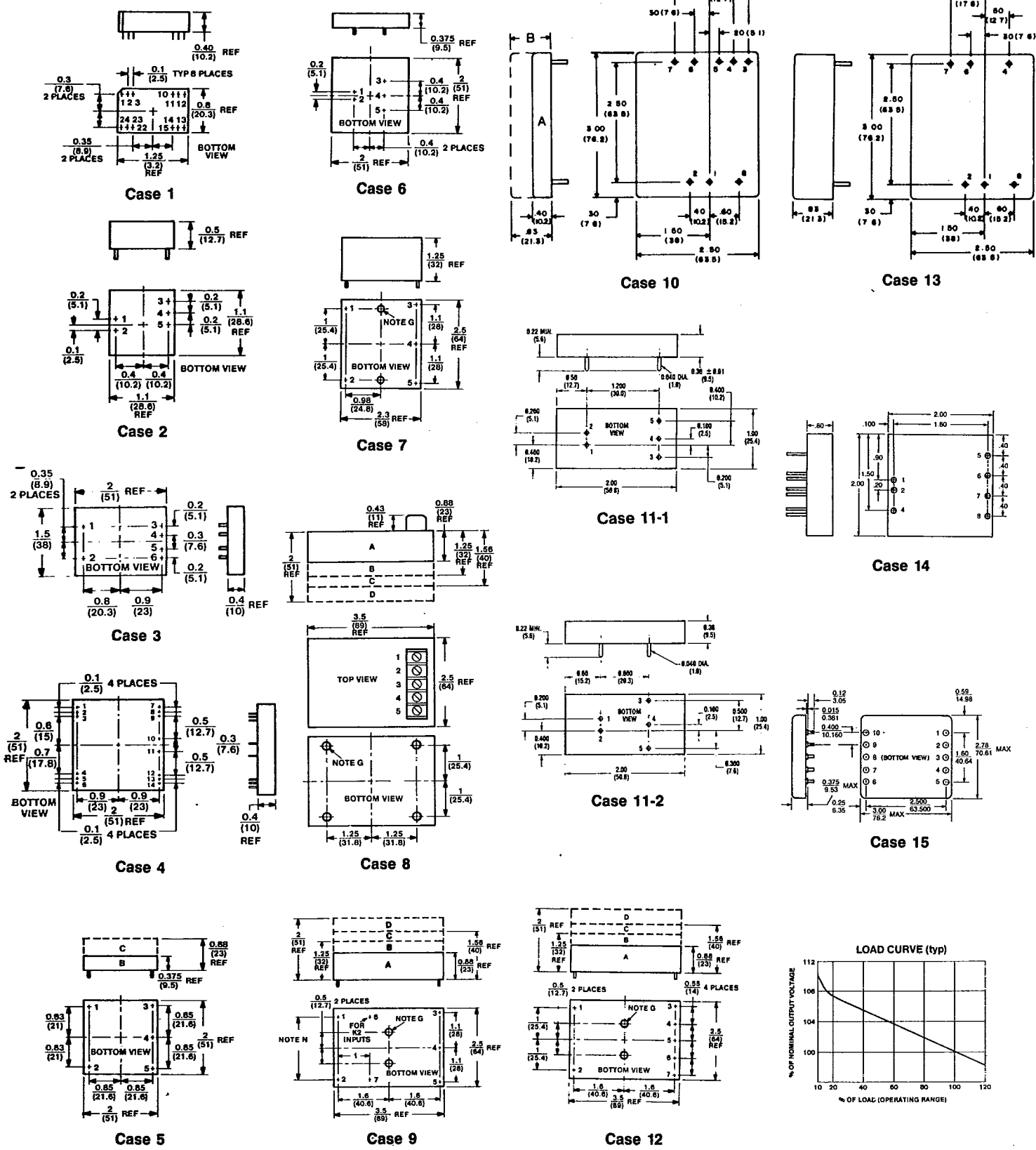
J Series

- Regulated outputs
- Continuous short circuit protection
- MOSFET design
- 500 VDC I/O isolation

Input Voltage Range VDC	Output Voltage	Output Current	Regulation % Line ± Load ±		Case	Model Number			
9 - 36	5 VDC	2.4 A	0.5	1.0	14	J11-240-18			
20 - 72	5 VDC	2.4 A				J11-240-48			
9 - 36	12 VDC	1.0 A				J12-100-18			
20 - 72	12 VDC	1.0 A				J12-100-48			
9 - 36	15 VDC	800 mA				J15-080-18			
20 - 72	15 VDC	800 mA				J15-080-48			
9 - 36	±12 VDC	±500 mA	0.5	1.0	14	J22-100-18			
20 - 72	±12 VDC	±500 mA				J22-100-48			
9 - 36	±15 VDC	±400 mA				J23-080-18			
20 - 72	±15 VDC	±400 mA				J23-080-48			
9 - 36	5±12 VDC	1.0 A ±300 mA				0.25	3.0	14	J34-160-18
20 - 72	5±12 VDC	1.0 A ±300 mA							J34-160-48
9 - 36	5±15 VDC	1.0 A ±230 mA	J35-146-18						
20 - 72	5±15 VDC	1.0 A ±230 mA	J35-146-48						

Case Dimensions

T-90-20



12