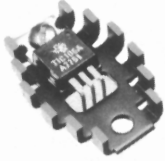
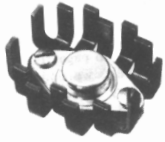
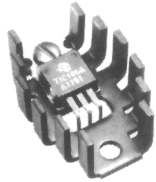
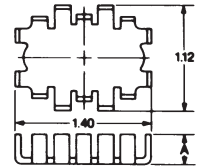


**HEAT SINKS FOR METAL AND PLASTIC CASE, CASE-MOUNTED SEMICONDUCTORS**



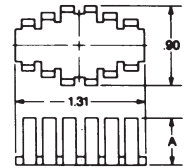
**LB Series**

Semiconductor Case Type	*Ø °C/W	Part Number			"A" Dim.
		Unplated	Comm'l Black	Military Black	
TO-66	19.7	LB66B2U	LB66B2CB	LB66N2B	.31
TO-126/127/220	20.8				
TO-66	17.1	LB66B1U	LB66B1CB	LB66B1B	.50
TO-126/127/220	16.5				



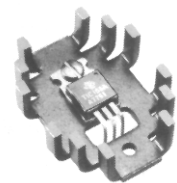
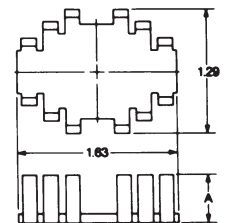
**LA-A Series**

Semiconductor Case Type	*Ø °C/W	Part Number			"A" Dim.
		Unplated	Comm'l Black	Military Black	
TO-66	19.7	LAD66A2U	LAD66A2CB	LAD66A2B	.50
TO-66	16.3	LAD66A3U	LAD66A3CB	LAD66A3B	.75
TO-66	14.4	LAD66A4U	LAD66A4CB	LAD66A4B	1.00
TO-126/127/220	20.0	LAE66A2U	LAE66A2CB	LAE66A2B	.50
TO-126/127/220	17.0	LAE66A3U	LAE66A3CB	LAE66A3B	.75
TO-126/127/220	14.7	LAE66A4U	LAE66A4CB	LAE66A4B	1.00



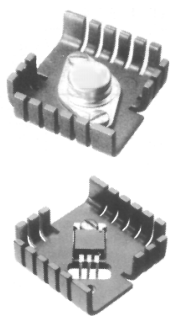
**LA-B Series**

Semiconductor Case Type	*Ø °C/W	Part Number			"A" Dim.
		Unplated	Comm'l Black	Military Black	
TO-66	14.3	LAD66B2U	LAD66B2CB	LAD66B2B	.50
TO-66	12.1	LAD66B3U	LAD66B3CB	LAD66B3B	.75
TO-66	10.7	LAD66B4U	LAD66B4CB	LAD66B4B	1.00
TO-66	9.8	LAD66B5U	LAD66B5CB	LAD66B5B	1.25
TO-3	14.1	LAT03B2U	LAT03B2CB	LAT03B2B	.50
TO-3	12.0	LAT03B3U	LAT03B3CB	LAT03B3B	.75
TO-3	10.3	LAT03B4U	LAT03B4CB	LAT03B4B	1.00
TO-3	9.3	LAT03B5U	LAT03B5CB	LAT03B5B	1.25
Any TO-3	15.3	LA363B2U	LA363B2CB	LA363B2B	.50
Any TO-3	12.9	LA363B3U	LA363B3CB	LA363B3B	.75
Any TO-3	11.2	LA363B4U	LA363B4CB	LA363B4B	1.00
Any TO-3	10.0	LA363B5U	LA363B5CB	LA363B5B	1.25
TO-126	15.0	LAT0126B2U	LAT0126B2CB	LAT0126B2B	.50
TO-126	12.9	LAT0126B3U	LAT0126B3CB	LAT0126B3B	.75
TO-126	11.4	LAT0126B4U	LAT0126B4CB	LAT0126B4B	1.00
TO-126	9.7	LAT0126B5U	LAT0126B5CB	LAT0126B5B	1.25
TO-127/220	15.0	LAT0127B2U	LAT0127B2CB	LAT0127B2B	.50
TO-127/220	12.9	LAT0127B3U	LAT0127B3CB	LAT0127B3B	.75
TO-127/220	11.4	LAT0127B4U	LAT0127B4CB	LAT0127B4B	1.00
TO-127/220	9.7	LAT0127B5U	LAT0127B5CB	LAT0127B5B	1.25
Universal Hole Pattern	—	LA394B2U	LA394B2CB	LA394B2B	.50
	—	LA394B3U	LA394B3CB	LA394B3B	.75
	—	LA394B4U	LA394B4CB	LA394B4B	1.00
	—	LA394B5U	LA394B5CB	LA394B5B	1.25

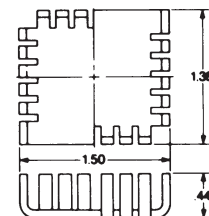


\*Natural convection, case-ambient mounted on G10 board

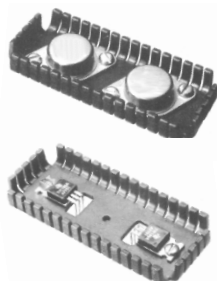
**UP3 Series**



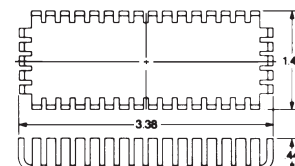
Semiconductor Case Type	*Ø °C/W	Part Number		
		Unplated	Comm'l Black	Military Black
TO-66	14.2	UP3-TO66-U	UP3-TO66-CB	UP3-TO66-B
TO-3	13.6	UP3-TO3-U	UP3-TO3-CB	UP3-TO3-B
Universal	—	UP3-425-U	UP3-425-CB	UP3-425-B
TO-126	15.0	UP3-TO126-U	UP3-TO126-CB	UP3-TO126-B
TO-127/220	15.0	UP3-TO127-U	UP3-TO127-CB	UP3-TO127-B
Universal	—	UP3-425-U	UP3-425-CB	UP3-425-B
2 each TO-126/127/220	13.6	UP3-456-U	UP3-456-CB	UP3-456-B



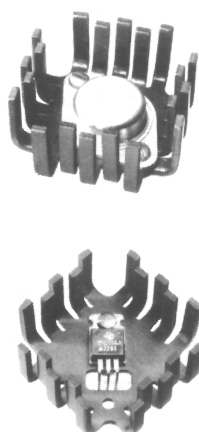
**UP10 Series**



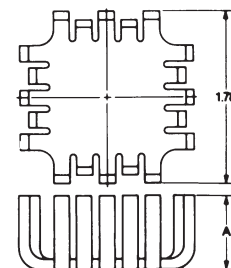
Semiconductor Case Type	*Ø °C/W	Part Number		
		Unplated	Comm'l Black	Military Black
2 each Universal	N.A.	UP10-426-2U	UP10-426-2CB	UP10-426-2B
1 each TO-3	8.7	UP10-TO3-U	UP10-TO3-CB	UP10-TO3-B
2 each TO-126/127/220	7.5	UP10-TO127-U	UP10-TO127-CB	UP10-TO127-B
Universal	N.A.	UP10-426-2U	UP10-426-2CB	UP10-426-2B



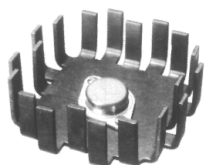
**UP, UP1 and UP2 Series**



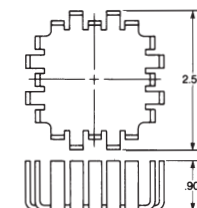
Semiconductor Case Type	*Ø °C/W	Part Number			"A" Dim.
		Unplated	Comm'l Black	Military Black	
TO-66	11.5	UP1-TO66-U	UP1-TO66-CB	UP1-TO66-B	.50
TO-66	9.6	UP2-TO66-U	UP2-TO66-CB	UP2-TO66-B	.75
TO-66	7.9	UP-TO66-U	UP-TO66-CB	UP-TO66-B	1.00
TO-3	10.4	UP1-TO3-U	UP1-TO3-CB	UP1-TO3-B	.50
TO-3	8.3	UP2-TO3-U	UP2-TO3-CB	UP2-TO3-B	.75
TO-3	7.1	UP-TO3-U	UP-TO3-CB	UP-TO3-B	1.00
Universal	—	UP1-420-U	UP1-420-CB	UP1-420-B	.50
Universal	—	UP2-420-U	UP2-420-CB	UP2-420-B	.75
Universal	—	UP-420-U	UP-420-CB	UP-420-B	1.00
TO-126	11.7	UP1-T0126-U	UP1-T0126-CB	UP1-T0126-B	.50
TO-126	9.4	UP2-T0126-U	UP2-T0126-CB	UP2-T0126-B	.75
TO-126	8.2	UP-T0126-U	UP-T0126-CB	UP-T0126-B	1.00
TO-127/220	11.7	UP1-T0127-U	UP1-T0127-CB	UP1-T0127-B	.50
TO-127/220	9.4	UP2-T0127-U	UP2-T0127-CB	UP2-T0127-B	.75
TO-127/220	8.2	UP-T0127-U	UP-T0127-CB	UP-T0127-B	1.00
2 each TO-126 or 2 each TO-127 or 2 each TO-220	10.7	UP1-T0127-2U	UP1-T0127-2CB	UP1-T0127-2B	.50
	8.3	UP2-T0127-2U	UP2-T0127-2CB	UP2-T0127-2B	.75
	7.4	UP-T0127-2U	UP-T0127-2CB	UP-T0127-2B	1.00



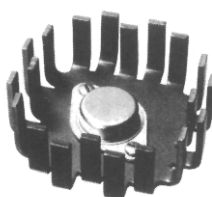
**HP1 Series**



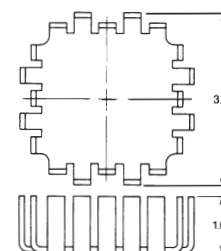
Semiconductor Case Type	*Ø °C/W	Part Number		
		Unplated	Comm'l Black	Military Black
TO-66	6.0	HP1-TO66-U	HP1-TO66-CB	HP1-TO66-B
TO-3	5.4	HP1-TO3-U	HP1-TO3-CB	HP1-TO3-B
Universal	—	HP1-420-U	HP1-420-CB	HP1-420-B
TO-126	6.5	HP1-TO126-U	HP1-TO126-CB	HP1-TO126-B
TO-127/220	6.5	HP1-TO127-U	HP1-TO127-CB	HP1-TO127-B
Dual TO-127/220	5.6	HP1-TO127-4U	HP1-TO127-4CB	HP1-TO127-4B



**HP3 Series**



Semiconductor Case Type	*Ø °C/W	Part Number		
		Unplated	Comm'l Black	Military Black
TO-66	5.0	HP3-TO66-U	HP3-TO66-CB	HP3-TO66-B
TO-3	4.4	HP3-TO3-U	HP3-TO3-CB	HP3-TO3-B
Universal	—	HP3-420-U	HP3-420-CB	HP3-420-B
TO-126	5.0	HP3-TO126-U	HP3-TO126-CB	HP3-TO126-B
TO-127/220	5.0	HP3-TO127-U	HP3-TO127-CB	HP3-TO127-B
2 ea. TO-127/220	4.0	HP3-TO127-4U	HP3-TO127-4CB	HP3-TO127-4B
4 ea. TO-127/220	3.7	HP3-319-U	HP3-319-CB	HP3-319-B



\*Natural convection, case-ambient mounted on G10 board