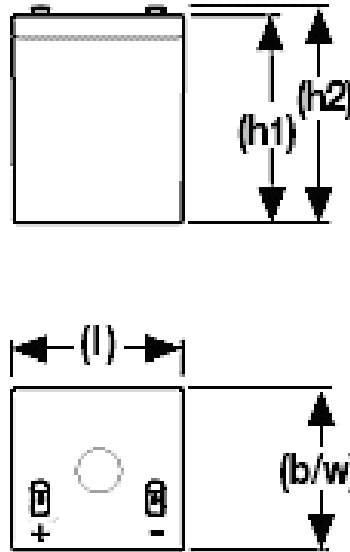


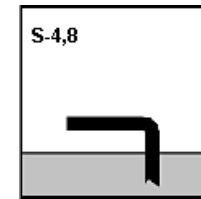
Sonnenschein A502/10 S data sheet



Drawing:



Terminal:



Meets: UL94 HB

Specifications:

Type	Part number	Nom. Voltage	C20 1,75 VpC 20° C Ah	Short circuit current acc. IEC896/2	Length mm	Width mm	Height mm	Height top of cover mm	Height over terminals mm	Weight Kg.	Internal resistance acc. IEC896/2 mOhm	Max. Load approx. A	Max. perm current 5 secs. A	Terminal
A502/10 S	NGA5020010HS0SA	2	10	189	52.9	50.5	94.5	94.5	98.4	0.7	11.2	80	300	S-4,8

Part numbers not valid for North America, use type for ordering!

Constant-current discharge in A (@20°C):

Part number	Type	Volt	5min	10min	15min	20min	30min	1h	2h	3h	5h	8h	10h
NGA5020010HS0SA	A502/10S	1.85	30.0	22.0	18.0	15.0	11.2	6.4	3.9	2.8	1.8	1.2	1.0
NGA5020010HS0SA	A502/10S	1.80	33.0	24.0	19.0	16.0	11.9	6.8	4.1	2.9	1.9	1.2	1.0
NGA5020010HS0SA	A502/10S	1.75	35.0	26.0	20.0	17.0	12.3	6.9	4.2	3.0	1.9	1.3	1.0
NGA5020010HS0SA	A502/10S	1.70	37.0	27.0	20.0	17.0	12.6	7.0	4.2	3.0	1.9	1.3	1.0
NGA5020010HS0SA	A502/10S	1.65	39.0	28.0	21.0	17.0	12.7	7.1	4.3	3.0	1.9	1.3	1.0
NGA5020010HS0SA	A502/10S	1.60	42.0	29.0	21.0	17.0	12.8	7.1	4.3	3.0	1.9	1.3	1.0

Constant-power discharge in W/block (@20°C):

Part number	Type	Volt	3min	5min	10min	15min	20min	30min	45min	1h	1_5h
NGA5020010HS0SA	A502/10S	1.85	56.0	50.0	41.0	33.0	27.0	20.0	16.0	13.0	9.0
NGA5020010HS0SA	A502/10S	1.80	56.0	53.0	44.0	35.0	29.0	21.0	17.0	14.0	10.0
NGA5020010HS0SA	A502/10S	1.75	60.0	58.0	45.0	36.0	30.0	22.0	17.0	14.0	10.0
NGA5020010HS0SA	A502/10S	1.70	64.0	60.0	46.0	38.0	31.0	22.0	17.0	14.0	10.0
NGA5020010HS0SA	A502/10S	1.65	68.0	62.0	47.0	38.0	31.0	23.0	17.0	14.0	10.0
NGA5020010HS0SA	A502/10S	1.60	73.0	63.0	48.0	38.0	31.0	23.0	17.0	14.0	10.0