Rev.A Jun.-2022

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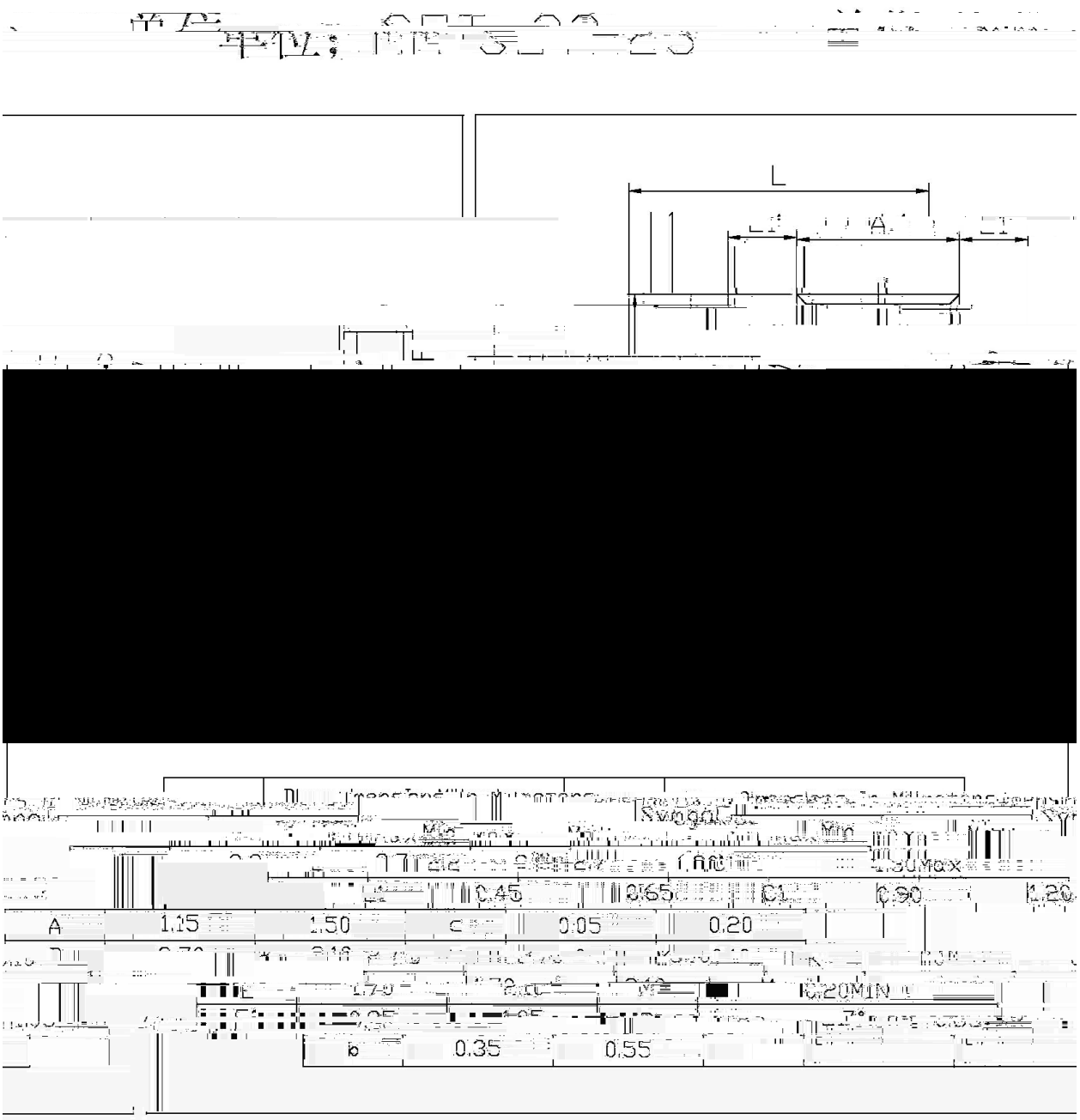
SOT-23 N MOS

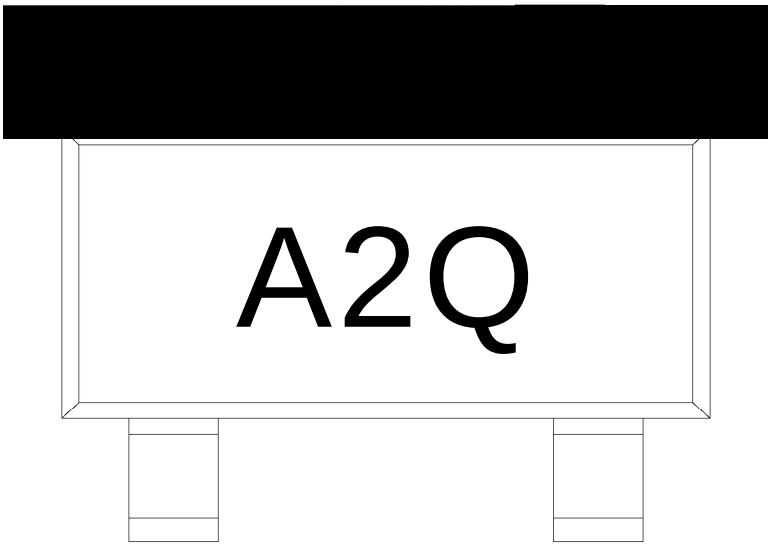
N- CHANNEL MOSFET in a SOT-23 Plastic PackageA

A

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DSS}	20	V
Gate-Source Voltage	V_{GSS}	±8	V
Drain Current – Continuous d	I_D	3.0	A
Pulsed Drain Current	I_{DM}	10	A
Continuous Source Current	I_S	0.95	A
Power Dissipation	P_D	0.9	W
Storage Tempe g n			

d n m b ol n) n


L
A
0.45
0.65
0.90
1.20
A
1.15
1.50
0.05
0.20
0.20MIN
b
0.35
0.55



A2:

Q

Note:

A2	Product Type Code
Q:	Automobile halogen-free product Code

kgdl **Temperature Profile for IR Reflow Soldering(Pb-Free)**



Note:

1	150 200	60 120sec;	1.Preheating:150~200℃, Time:60~120sec.
2	255±5	5±0.5sec;	2.Peak Temp.:255±5℃, Duration:5±0.5sec.
3	2	10℃/sec.	3. Cooling Speed: 2~10℃/sec.

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