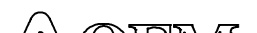


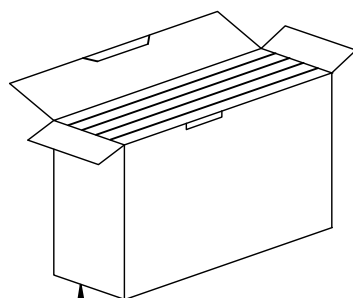
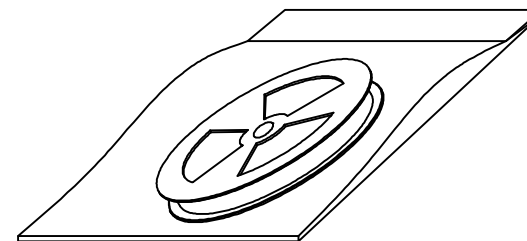
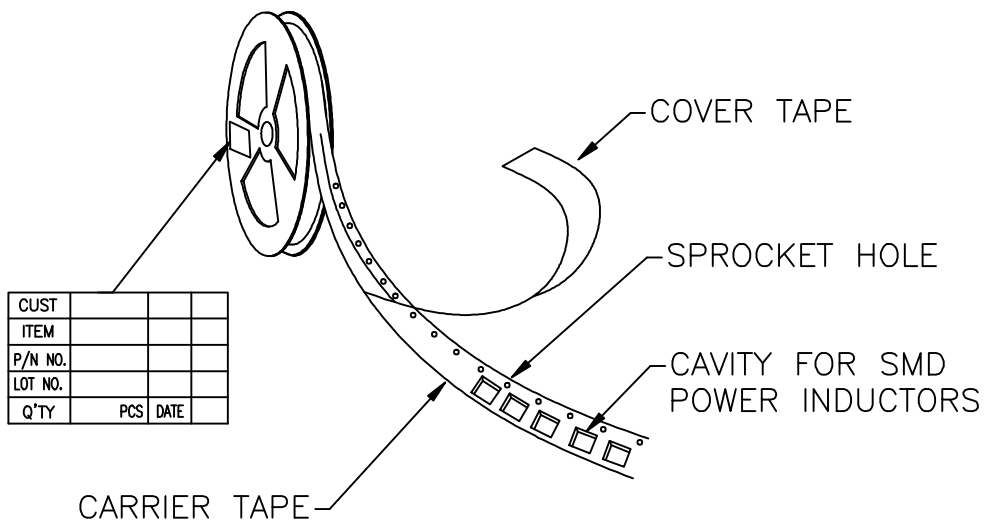
RECOMMEND LAND PATTERN

SIZE CODE	A	B	C	D	E	H	I	J
ATDL-2512	2.5±0.25	2.1±0.2	1.2 MAX.	0.85±0.2	2.25±0.2	2.3	0.95	0.9

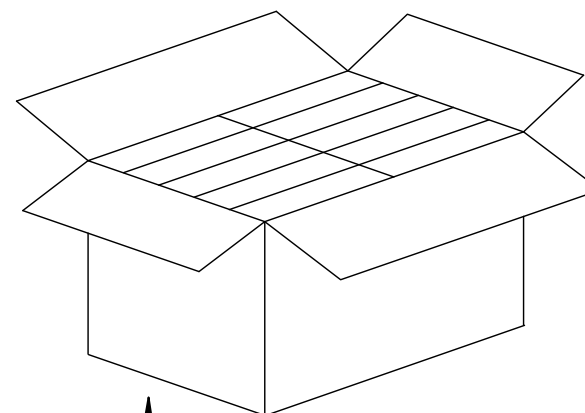
UNIT : mm

								TITLE		POWER INDUCTOR	
								DWG. NO.		ATDL-2512	
	RELEASE	06/06/2024	SHIRLEY	BETTY	BETTY	UNITS:	M/M	SAFETY			
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	06/06/24	P/N:	DRAW	SHEET 1 OF 1	
REVISIONS										Shirley	

MODEL CODE	Inductance (μ H)	DC Resistance ($m\Omega$) max	SRF (MHz) min	Isat (A) max	IDC (A) max
ATDL-2512-R10	0.1	32	350	6	4.2
ATDL-2512-R22	0.22	40	250	5	3.9
ATDL-2512-R33	0.33	42	240	4.1	3.8
ATDL-2512-R47	0.47	45	190	4	3.7
ATDL-2512-R68	0.68	50	150	3.3	3.6
ATDL-2512-1R0	1.0	56	120	2.8	3.1
ATDL-2512-1R5	1.5	78	100	2.1	2.4
ATDL-2512-1R8	1.8	99	80	2	2.1
ATDL-2512-2R2	2.2	109	75	1.9	2.1
ATDL-2512-3R3	3.3	172	70	1.5	1.7
ATDL-2512-4R7	4.7	227	45	1.2	1.4
ATDL-2512-6R8	6.8	320	40	0.95	1.3
ATDL-2512-8R2	8.2	415	35	0.85	1.1
ATDL-2512-100	10	430	30	0.8	1.0
ATDL-2512-150	15	730	25	0.63	0.8
ATDL-2512-220	22	1020	20	0.55	0.6
ATDL-2512-330	33	1400	15	0.4	0.5



小內盒:長185,寬73,高188mm

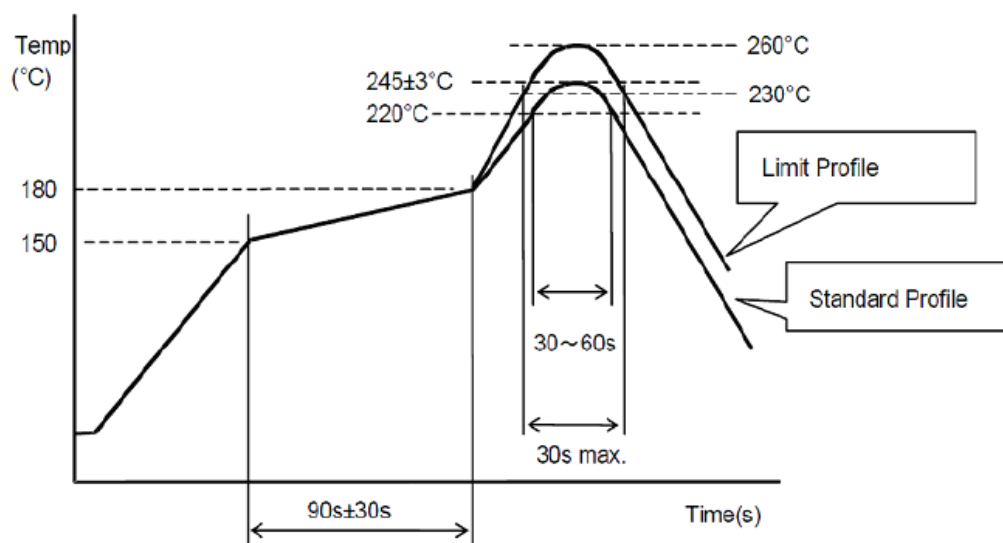


外箱:長394,寬389,高208mm

- (1)QUANTITY : 100,000PCS / CARTON
(2)INNER BOX PER CARTON : 10 (2000 PCS/REEL*5 /INNER BOX)
(3)WEIGHT : NW : 6(Kg)
GW : 7(Kg)

						AOEM.		TITLE PACKING	
								DWG. NO. ATDL-2512	
A	RELEASE	06/07/2024	SHIRLEY	BETTY	BETTY	UNITS: M/M		SAFETY	
NO:	DESCRIPTION	BY	BY	CHK	APPD	DATE 06/07/2024		P/N:	
REVISIONS								SHEET 1 of 1	
								DRAW Shirley	

Recommended Reflow Soldering Profile :



	Standard Profile	Limit Profile
Pre-heating	150~180°C , 90s±30s	
Heating	above 220°C, 30s~60s	above 240°C, 30s max.
Peak temperature	245±3°C	260°C, 10s
Cycle of reflow	2 times	2 times

3-1 Flux, Solder

- Use rosin-based flux
- Don't use high acidic flux with halide content exceeding 0.2 %(wt.%) (chlorine conversion value).
- Use lead-free solder, use Sn-0.3%Ag-0.5%Cu solder
- Standard thickness of solder paste: 0.12~0.15mm

3-2 Reworking with soldering iron The following conditions must be strictly followed when using a soldering iron.

Pre – heating	150°C, 1 minute
Tip temperature	350°C max.
Soldering iron output	30w max.
End of soldering iron	φ 3mm max.
Soldering time	3 seconds max.

Note :

- This product is designed for solder mounting devices. Please consult us in advance for applying other mounting method such as conductive adhesive.
- Do not directly touch the products with the tip of the soldering iron in order to prevent the crack on the products due to the thermal shock.
- Insufficient pre-heating may cause cracks on the ferrite, resulting in the deterioration of product quality.