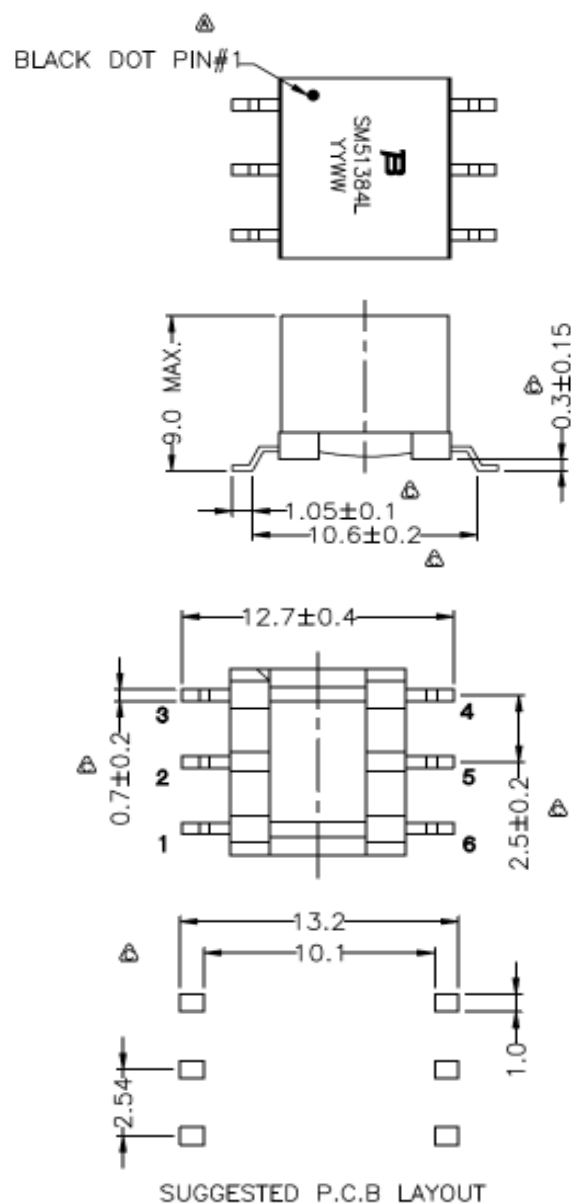
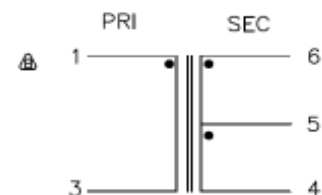


DIMENSION:



SCHEMATIC:

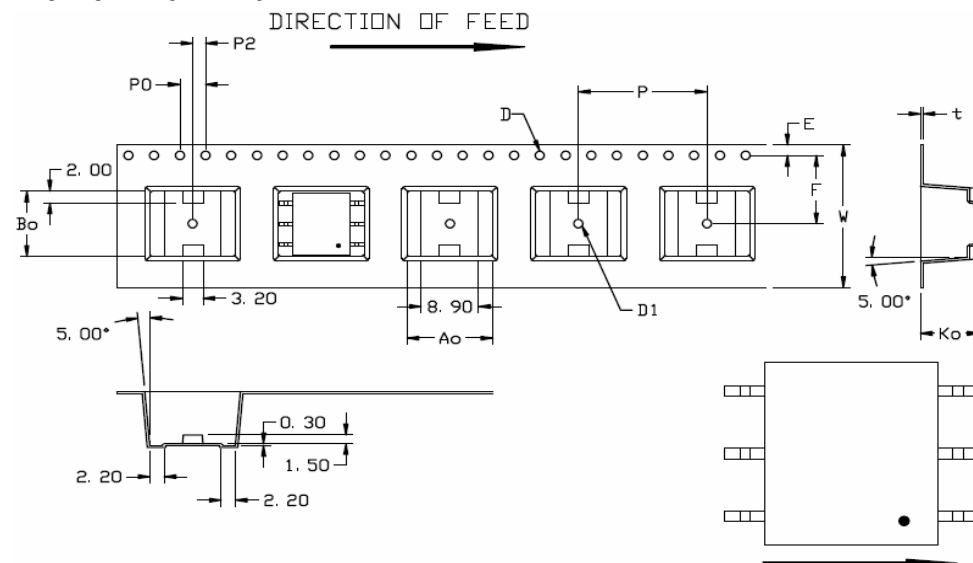


ELECTRICAL CHARACTERISTICS:

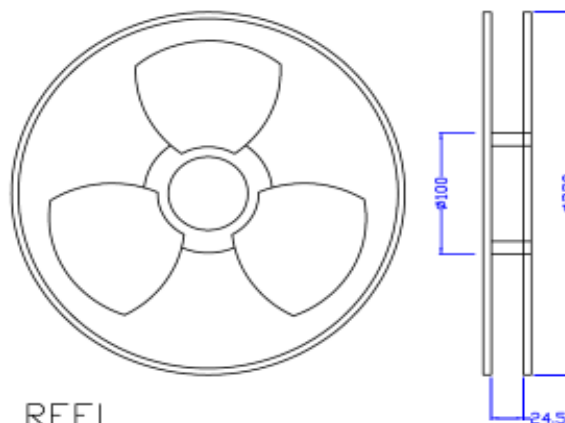
- DCR : 1-3 = 0.7Ω MAX.
6-4 = 1.8Ω MAX.
- INDUCTANCE : (@100KHz, 0.1Vrms) 1-3 = 215uH ±30%
- TURN RATIO : (@100KHz, 0.1Vrms)
6-4 : 1-3 = 3CT : 1 ±5%
- HI-POT : (@4KVrms, 1mA, 2SEC) 1-4
- PRI/SEC Vo1tage = PIN 1-3 TO 6-4 : 3.3V TO 5V
- Volt-time product = 22v usec TYP.
- OPERATING TEMPERATURE RANGE : -40°C~+95°C
- Storage Temperature Range: - 25°C~ 125°C
- RoHS COMPLIANT

			BOURNS INDUCTIVE SOLUTION		TITLE
C	Note DIM TOLERANCE & ELECTRICAL CHARACTERISTICS	2012/5/28			POWER TRANSFORMER
B	CHANGE SCHEMATIC & ELECTRICAL CHARACTERISTICS	2012/2/13			
A	CHANGE EXTERIOR	2011/12/9	UNITS:	P/N	SM51384EL
	RELEASED	2011/11/3	mm		
NO.	DESCRIPTION	DATE	DATE		
REVISIONS			2011/11/3	SHEET	1 OF 3

PACKAGE INFORMATION:



W	24.00	+0.30 -0.30
Ao	13.30	+0.10 -0.10
Bo	11.00	+0.10 -0.10
Ko	9.10	+0.10 -0.10
P	20.00	+0.10 -0.10
F	11.50	+0.10 -0.10
E	1.75	+0.10 -0.10
D	1.50	+0.10 -0.0
D1	1.50	+0.25 -0.0
Po	4.00	+0.10 -0.10
P2	2.00	+0.10 -0.10
t	0.4	+0.05 -0.05

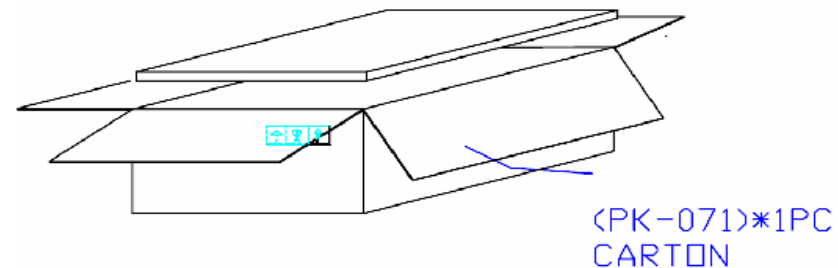
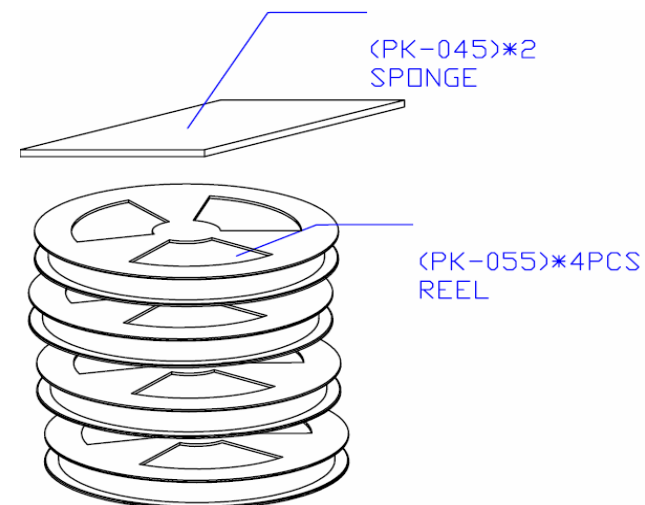


REEL

ORDER INFORMATION:

REEL: 350pcs

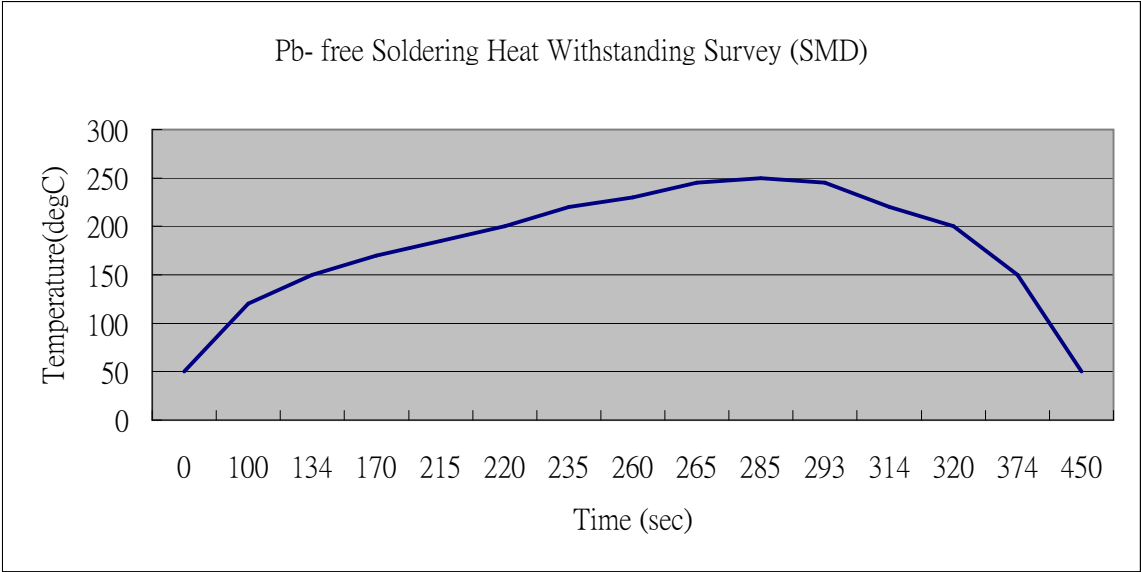
ONE CARTON: 1400 pcs



BOURNS INDUCTIVE SOLUTION			TITLE	
C	Note DIM TOLERANCE & ELECTRICAL CHARACTERISTICS	2012/5/28	POWER TRANSFORMER	
B	CHANGE SCHEMICS & ELECTRICAL CHARACTERISTICS	2012/2/13		
A	CHANGE EXTERIOR	2011/12/9		
	RELEASED	2011/11/3		
NO.	DESCRIPTION	DATE	SM51384EL	
REVISIONS			2011/11/3	2 OF 3

SOLDER TEMPERATURE:

Temperature(°C)	Time(sec)
50	0
120	100
150	134
170	170
185	215
200	220
220	235
230	260
245	265
250	285
245	293
220	314
200	320
150	374
50	450



			BOURNS INDUCTIVE SOLUTION		TITLE	
					POWER TRANSFORMER	
C	Note DIM TOLERANCE & ELECTRICAL CHARACTERISTICS	2012/5/28				
B	CHANGE SCHEMICS & ELECTRICAL CHARACTERISTICS	2012/2/13				
A	CHANGE EXTERIOR	2011/12/9	UNITS:	P/N	SM51384EL	
	RELEASED	2011/11/3	mm			
NO.	DESCRIPTION	DATE	DATE			
REVISIONS			2011/11/3	SHEET	3 OF 3	