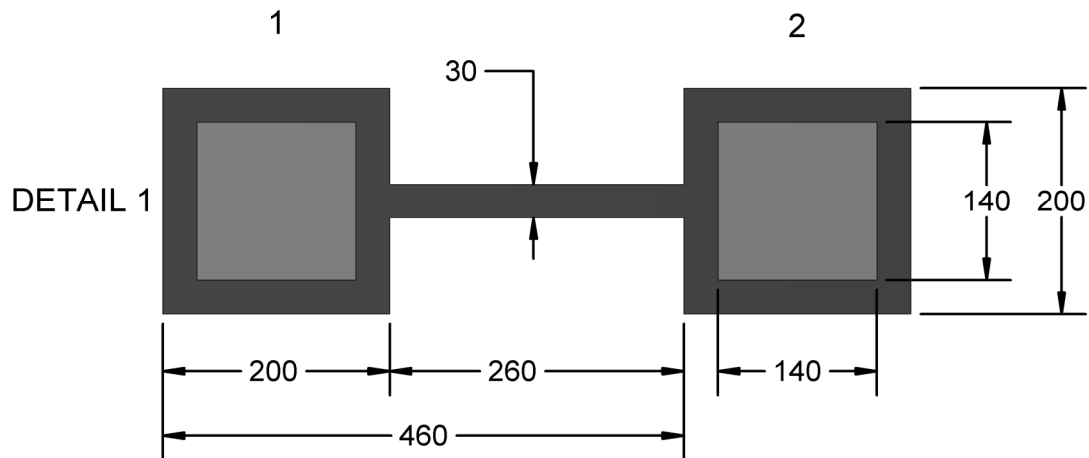
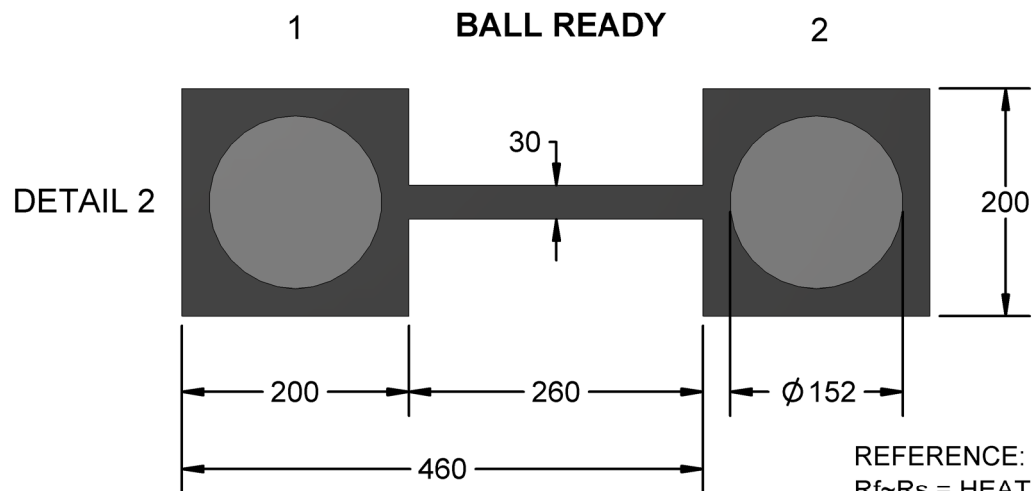


BONDING PAD

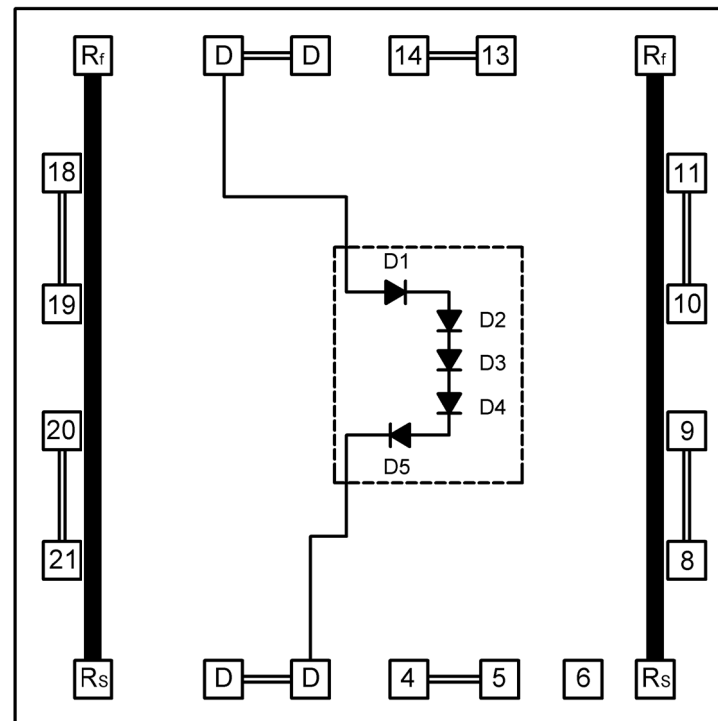


BALL READY



REFERENCE:
Rf~Rs = HEATER Si RESISTIVE
D = DIODE

PST2 THERMAL DIE 3.8mm x 3.8mm



NOTES:

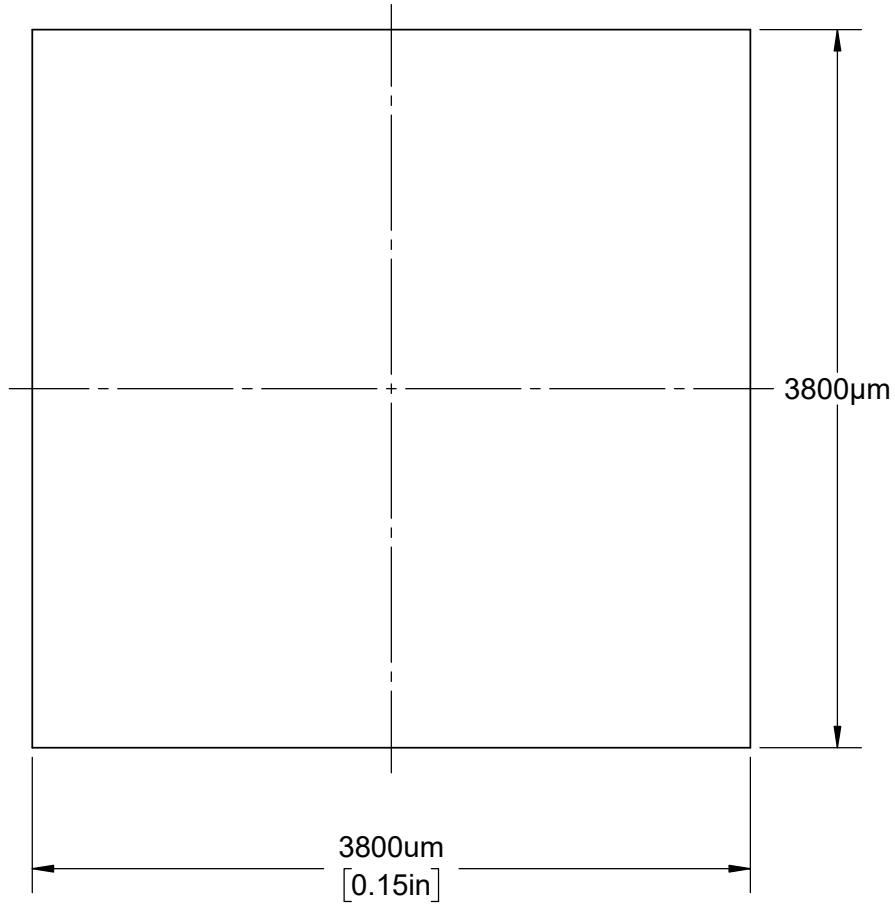
- 1) DIMENSIONS IN MICRONS (μm) OR AS SPECIFIED.
- 2) THICKNESS: 635 μm (OTHER AVAILABLE).
- 3) PASSIVATION: NITRIDE 10KA THICKNESS (1.0 μm).
- 4) PACKAGING: STANDARD WAFFLE PACK (TRAY).
- 5) PAD METAL THICKNESS: 17KA (1.7 μm).
- 6) SILICON ORIENTATION 1-1-1.
- 7) SILICON TYPE P.

PART NUMBER TABLE

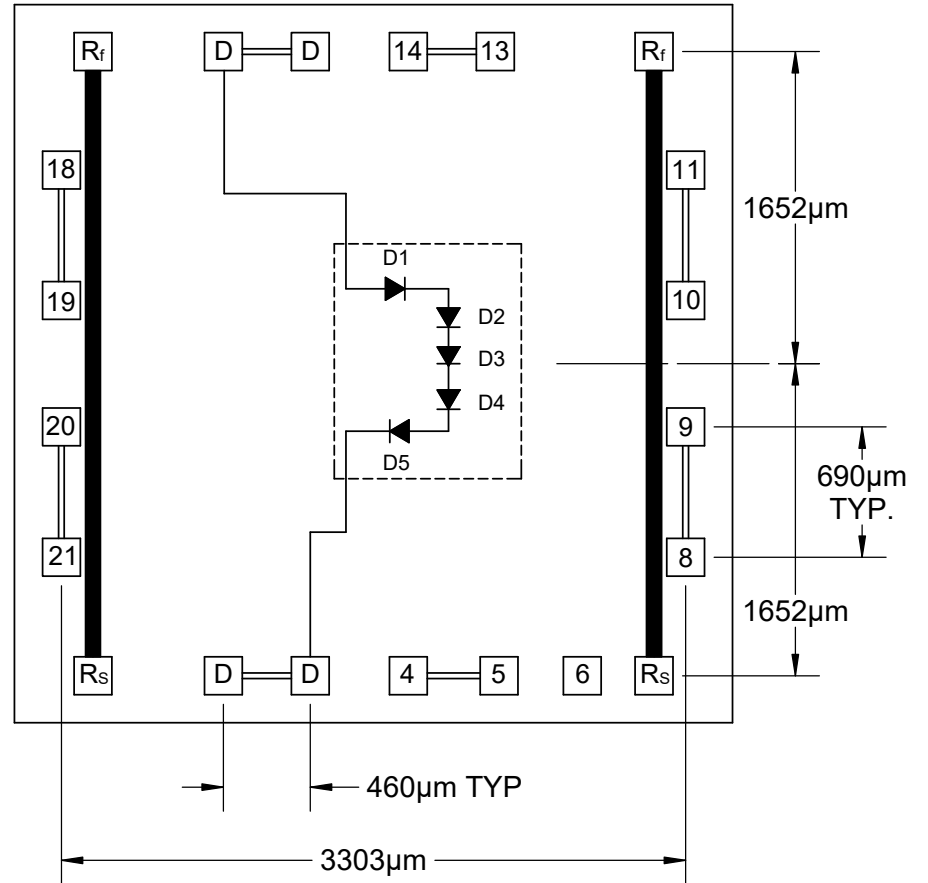
PART NUMBER	DIE SIZE	DIE PER WAFER	BOND PAD	DETAIL
PST2-B3.8A	3.8mm	1600	140 μm SQ	1
PST2-G3.8A	3.8mm	1600	ϕ 152 μm	2

APPROVALS	DATE	TopLine TITLE PST2 THERMAL DIE 3.8mm x 3.8mm			
DRAWN T. Au	7/10/2018				
ENG M. Hart	7/10/2018	SCALE	SIZE	DRAWING NO.	REV
MFG		25:1	A	120021	A
QA		DO NOT SCALE DRAWING			SHEET 1 OF 4
CUST					
REVISED					

BACK SIDE



PAD SIDE



REFERENCE:
R_f~R_s = HEATER Si RESISTIVE
D = DIODE

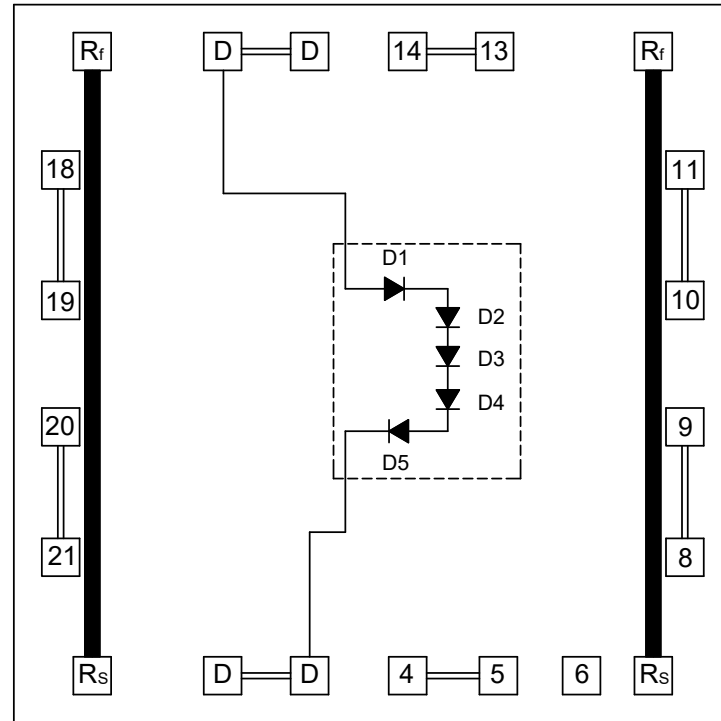
TopLine[®]			
TITLE		PST2 THERMAL DIE 3.8mm x 3.8mm	
SCALE	SIZE	DRAWING NO.	REV
25:1	A	120021	A
DO NOT SCALE DRAWING			SHEET 2 OF 4

NET LIST

(0,0) is located at the center of the die

MICRON um			
PIN#	NAME	X	Y
1	Rs (1)	-1484.5	-1651.5
2	D (1)	-794.5	-1651.5
3	D (2)	-334.5	-1651.5
4	Pin 4	184.5	-1651.5
5	Pin 5	644.5	-1651.5
6	Pin 6 NC	1104.5	-1651.5
7	Rs (2)	1484.5	-1651.5
8	Pin 8	1651.5	-1024.5
9	Pin 9	1651.5	-334.5
10	Pin10	1651.5	334.5
11	Pin11	1651.5	1024.5
12	Rf (1)	1484.5	1651.5
13	Pin13	644.5	1651.5
14	Pin14	184.5	1651.5
15	D (3)	-334.5	1651.5
16	D (4)	-794.5	1651.5
17	Rf (2)	-1484.5	1651.5
18	Pin 18	-1651.5	1024.5
19	Pin 19	-1651.5	334.5
20	Pin 20	-1651.5	-334.5
21	Pin 21	-1651.5	-1024.5

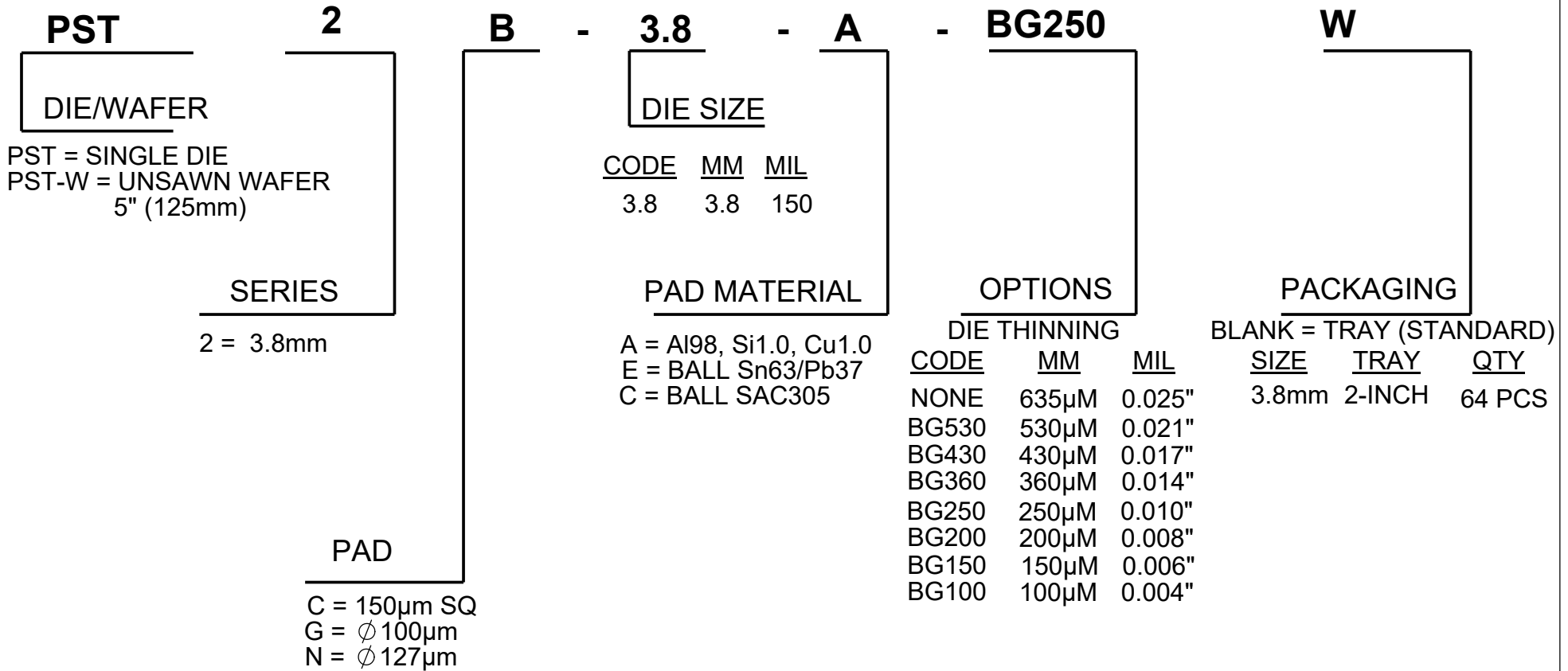
NC = NO CONNECTION



REFERENCE:
 Rf-Rs = HEATER Si RESISTIVE ELEMENTS
 D = DIODE

TopLine[®]			
TITLE PST2 THERMAL DIE 3.8mm x 3.8mm			
SCALE 25:1	SIZE A	DRAWING NO. 120021	REV A
DO NOT SCALE DRAWING			SHEET 3 OF 4

PART NUMBERING SYSTEM



TopLine®			
TITLE PST2 THERMAL DIE 3.8mm x 3.8mm			
SCALE NONE	SIZE A	DRAWING NO. 120021	REV A
DO NOT SCALE DRAWING			SHEET 4 OF 4