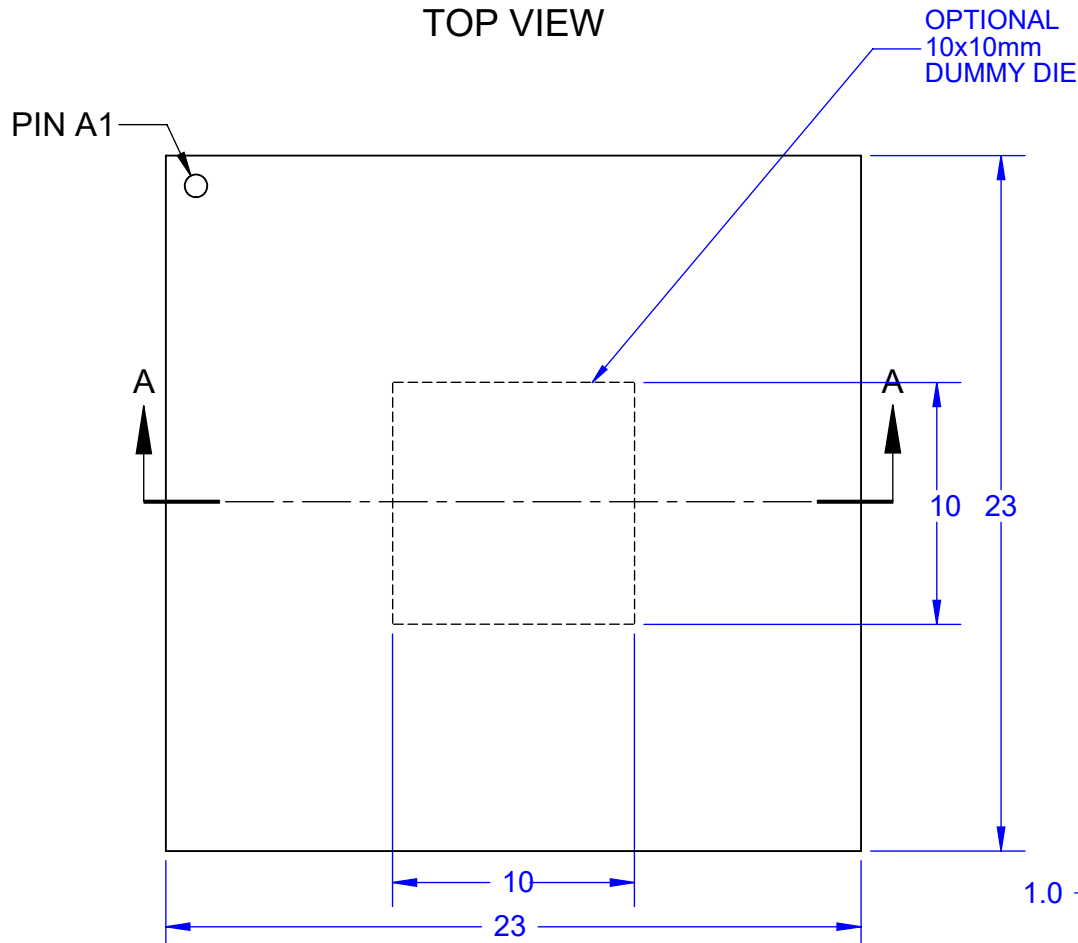
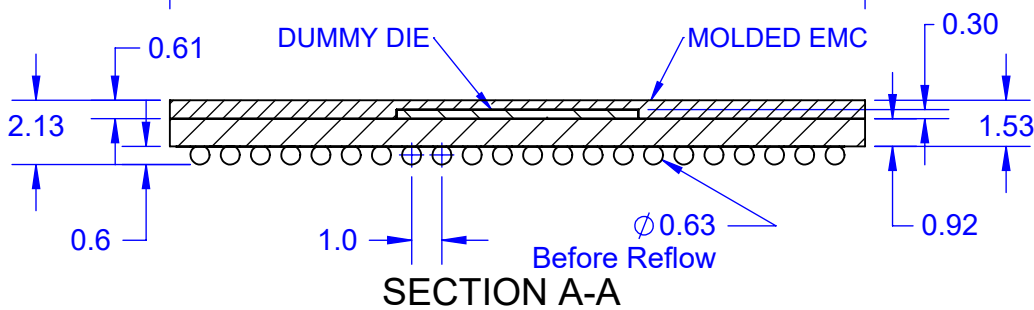
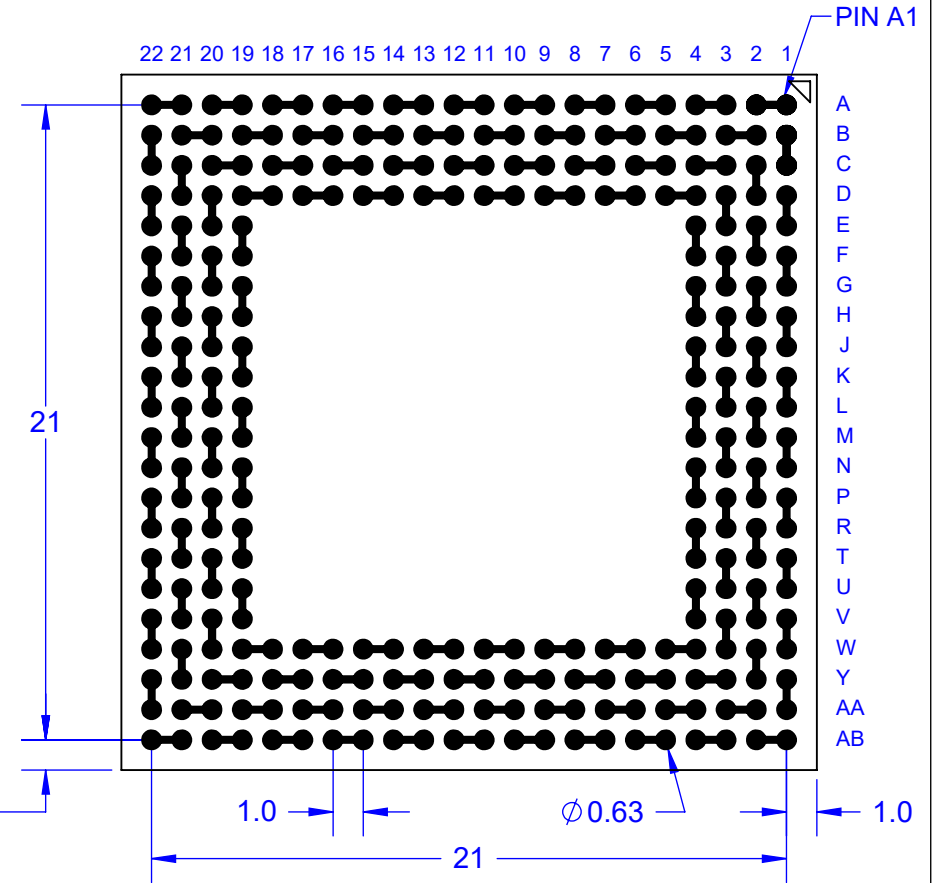


TOP VIEW



BALL VIEW



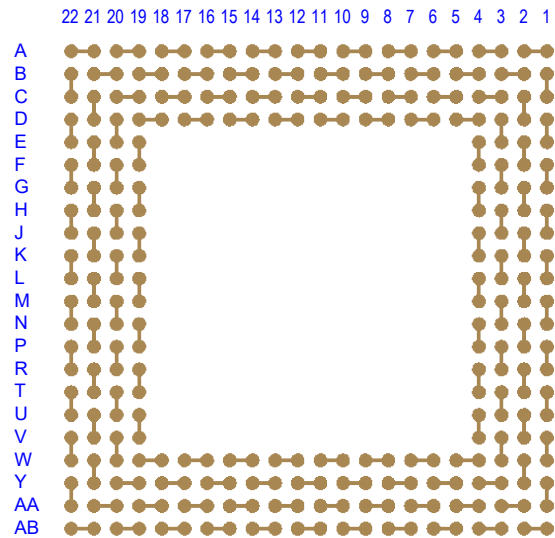
Notes: (Unless Otherwise Specified).

- 1) ALL DIMENSIONS ARE IN MM.
- 2) SOLDER BALL ALLOY: SEE PART NUMBER TABLE.
- 3) BALL DIAMETER (BEFORE REFLOW): 0.63mm (25 MIL).
- 4) SOLDER MASK DEFINED PAD OPENING: 0.508 (20 MIL).
- 5) PAD Cu DIAMETER: 0.635 (25 MIL).
- 6) SUBSTRATE MATERIAL: BT.
- 7) DUMMY DIE IS OPTIONAL.
- 8) DAISY CHAIN PATTERN (SEE PAGE 2).
- 9) MSL-3 RECOMMENDED BAKING 24 HOURS @ 125°C TO REMOVE MOISTURE PRIOR SOLDERING TO PC BOARD.

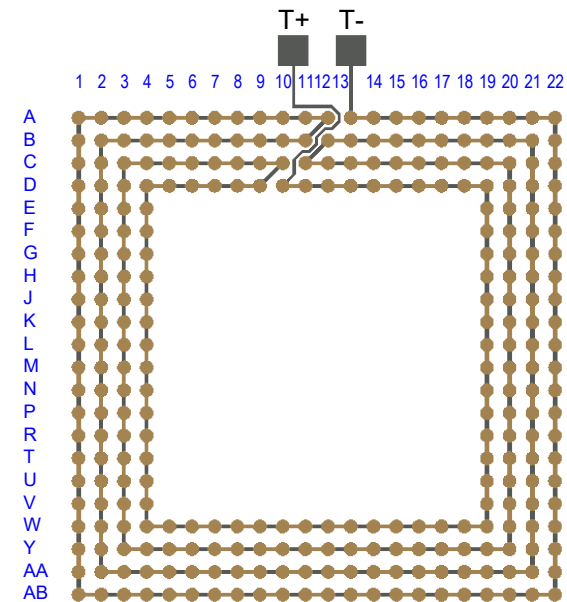
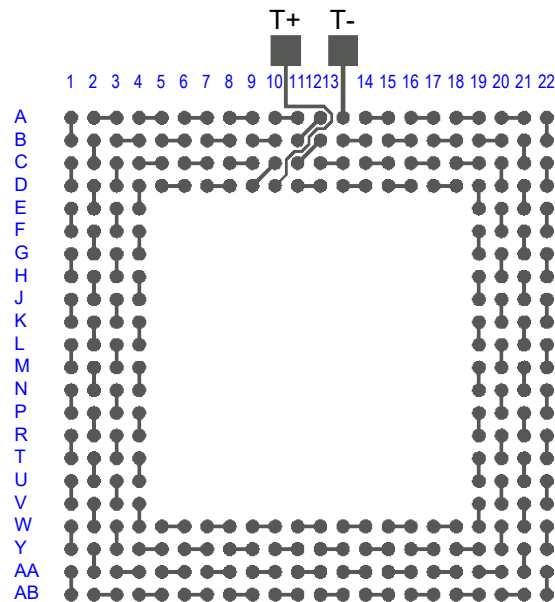
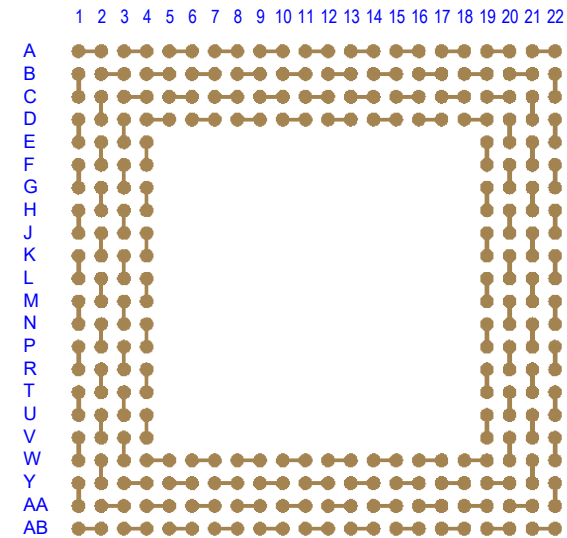
PART NUMBER TABLE				
PART NUMBER	BALL ALLOY	BALL CODE	RoHS	Si DIE
BGA288T1.0C-DC221D	Sn96.5/Ag3.0/Cu0.5	SAC305	YES	YES
BGA288T1.0-DC221D	Sn63/Pb37	Sn63	NO	YES

APPROVALS	DATE	TopLine®			
DRAWN T.Au	5/26/2025				
ENG M. Hart	5/26/2025	TITLE		BGA288T1.0C-DC221D DAISY CHAIN DUMMY	
MFG		SCALE	SIZE	DRAWING NO.	REV
QA		4:1	A	512210	A
CUST		DO NOT SCALE DRAWING			SHEET 1 OF 4
REVISED					

BALL VIEW



BOTTOM SIDE (TOP X-RAY VIEW)



TEST VEHICLE BOARD

AFTER MOUNTING

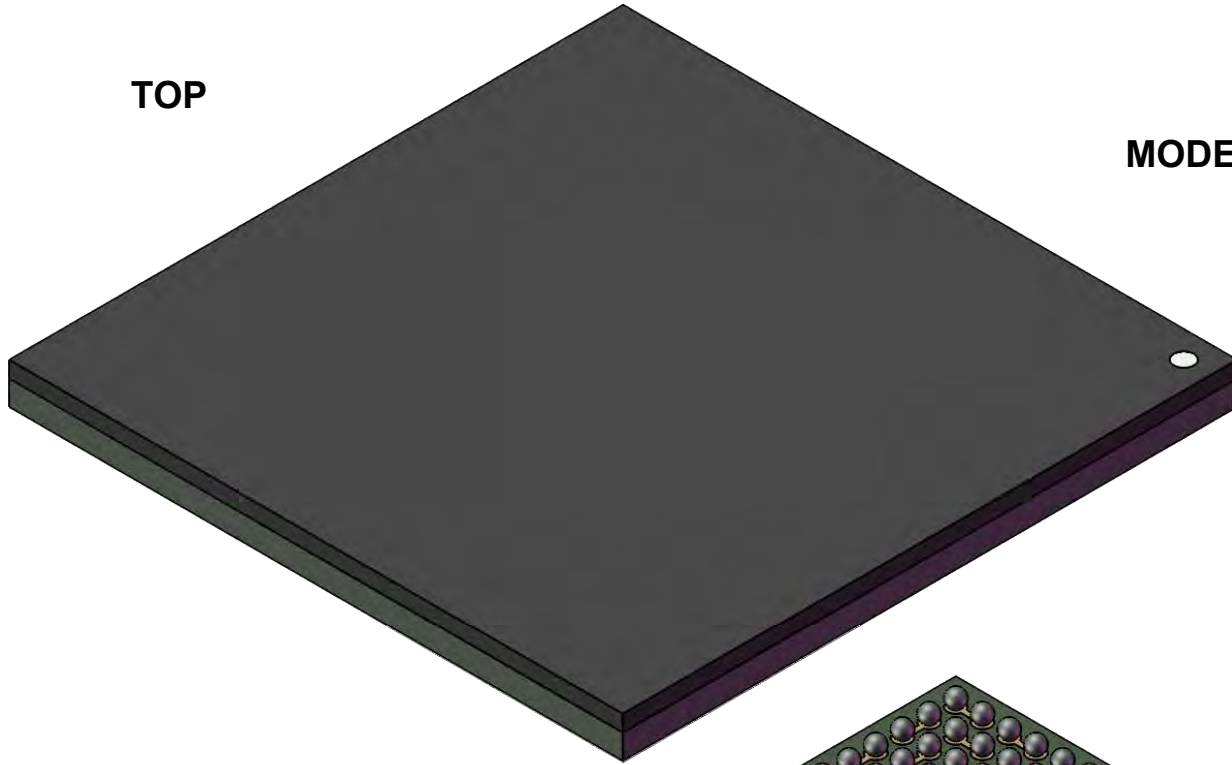
Notes:

- 1) PCB BOARD DIMENSIONS ARE PRESENTED ONLY AS A GUIDELINE. DESIGNERS SHOULD USE THEIR OWN EXPERIENCE WHEN DESIGNING PCB.
- 2) PCB Cu BALL PAD DIAMETER 0.635 (25 MIL).
- 3) PCB DAISY CHAIN TRACING LINE WIDTH 0.203 (8 MIL).
- 4) SMD (SOLDER MASK DEFINED) PAD OPENING: 0.508 (20 MIL).

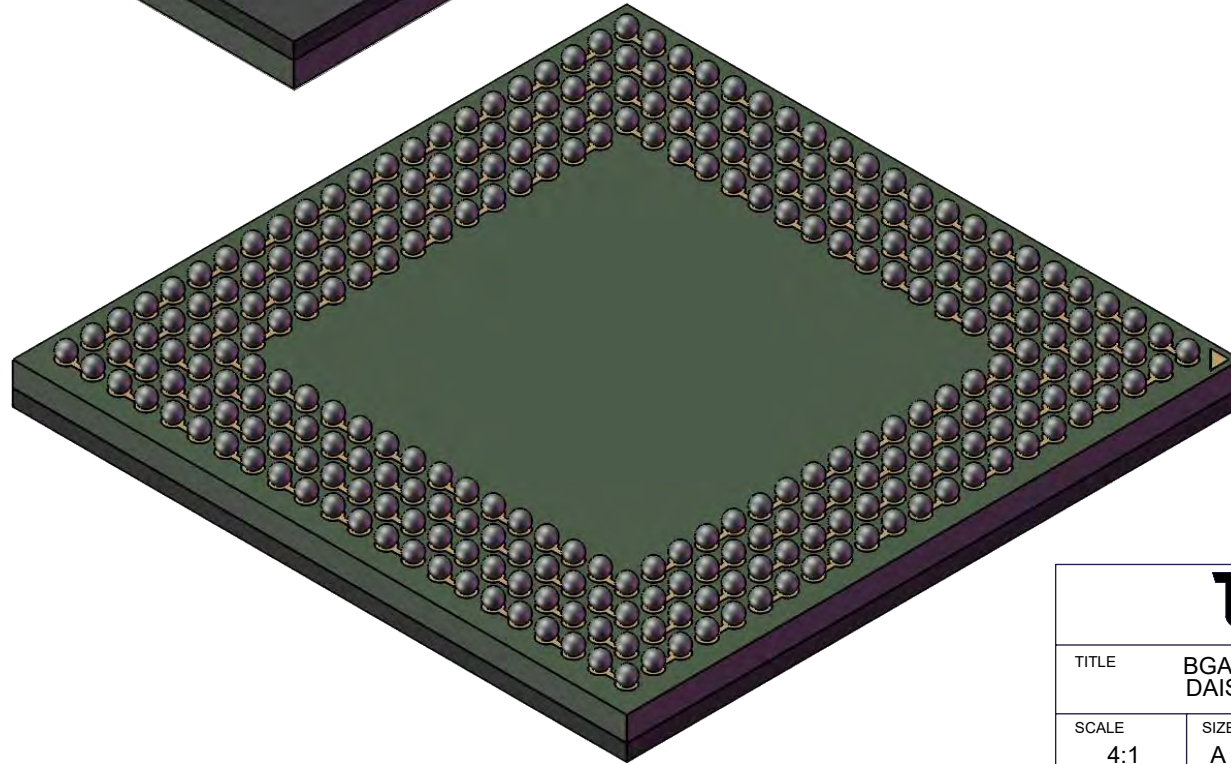
TopLine®			
TITLE		BGA288T1.0C-DC221D DAISY CHAIN DUMMY	
SCALE	SIZE	DRAWING NO.	REV
4:1	A	512210	A
DO NOT SCALE DRAWING			SHEET 2 OF 4

TOP

MODEL



BALL VIEW



TopLine[®]

TITLE BGA288T1.0C-DC221D
DAISY CHAIN DUMMY

SCALE 4:1	SIZE A	DRAWING NO. 512210	REV A
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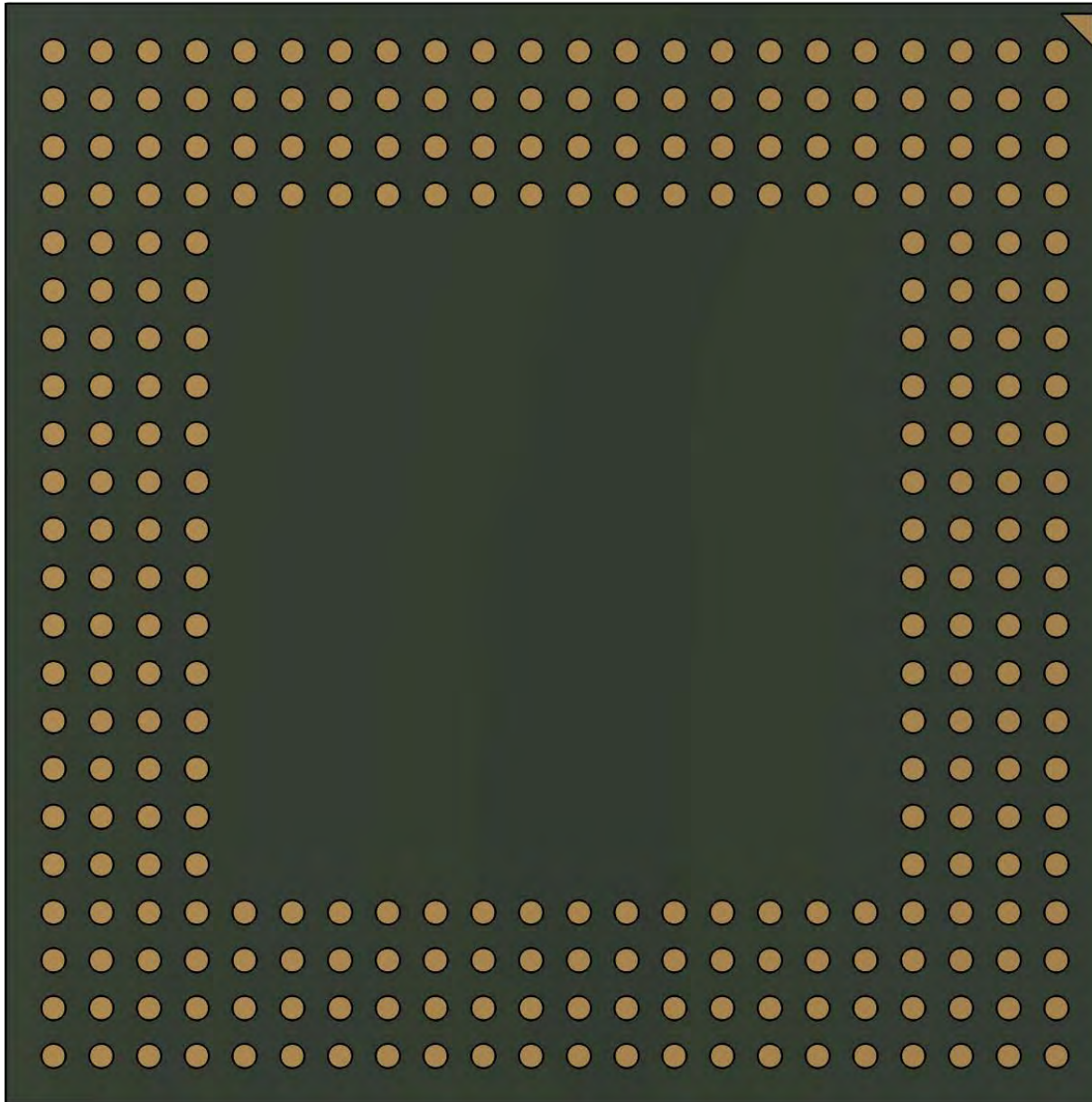
DO NOT SCALE DRAWING

SHEET 3 OF 4

BOTTOM SOLDER MASK (RIGHT READING)

22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

A
B
C
D
E
F
G
H
J
K
L
M
N
P
R
T
U
V
W
Y
AA
AB



TopLine®			
TITLE BGA288T1.0C-DC221D DAISY CHAIN DUMMY			
SCALE 4:1	SIZE A	DRAWING NO. 512210	REV A
DO NOT SCALE DRAWING			SHEET 4 OF 4