

FULL ARRAY, DAISY CHAIN WLP SERIES.

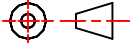
BALL COUNT	MATRIX	ROWS	DAISY CHAIN	P=0.3MM	P=0.4MM	P=0.5MM
				SIZE (MM)	SIZE (MM)	SIZE (MM)
4	2X2	2	DC022	0.6	0.8	1.0
16	4X4	4	DC048	1.2	1.6	2.0
36	6X6	6	DC067	1.8	2.4	3.0
64	8X8	8	DC088	2.4	3.2	4.0
100	10X10	10	DC108	3.0	4.0	5.0
144	12X12	12	DC127	3.6	4.8	6.0
196	14X14	14	DC148	4.2	5.6	7.0
256	16X16	16	DC168	4.8	6.4	8.0
324	18X18	18	DC188	5.4	7.2	9.0
400	20X20	20	DC208	6.0	8.0	10.0
484	22X22	22	DC228	6.6	8.8	11.0
576	24X24	24	DC248	7.2	9.6	12.0
676	26X26	26	DC260	7.8	10.4	13.0
784	28X28	28	DC288	8.4	11.2	14.0
900	30X30	30	DC307	9.0	12.0	15.0
1024	32X32	32	DC328	9.6	12.8	16.0
1156	34X34	34	DC348	10.2	13.6	17.0
1296	36X36	36	DC368	10.8	14.4	18.0
1444	38X38	38	DC388	11.4	15.2	19.0
1600	40X40	40	DC408	12.0	16.0	20.0
1764	42X42	42	DC428	12.6	16.8	21.0
1936	44X44	44	DC448	13.2	17.6	22.0
2116	46X46	46	DC468	13.8	18.4	23.0
2304	48X48	48	DC488	14.4	19.2	24.0
2500	50X50	50	DC508	15.0	20.0	25.0

PERIMETER ARRAY, DAISY CHAIN WLP SERIES

BALL COUNT	MATRIX	ROWS	DAISY CHAIN	P=0.3MM	P=0.4MM	P=0.5MM
				SIZE (MM)	SIZE (MM)	SIZE (MM)
112	11X11	4	DC113	--	--	6.0
144	13X13	4	DC133	--	6.0	--
264	17X17	6	DC173	6.0	--	--
309	18X18	7	DC187	--	7.6	--

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TOLERANCE UNLESS NOTED
X.XX +/- 0.01
X.XXX +/- 0.005
X.XXXX +/- 0.0005
ANGLES +/- 0.5°
ALL DIMENSIONS IN
 INCHES MILLIMETERS

THIRD ANGLE PROJECTION


APPROVALS	DATE
DRAWN J. HINES	4/23/2010
ENG	
MFG	
QA	
CUST	
REVISED	

TopLine®

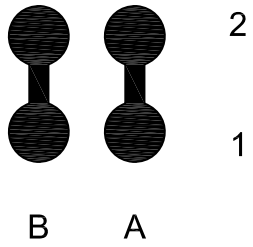
TITLE **DAISY CHAIN QUICK VIEW
WLP SERIES**

SCALE NONE	SIZE A	DRAWING NO. 150010	REV A
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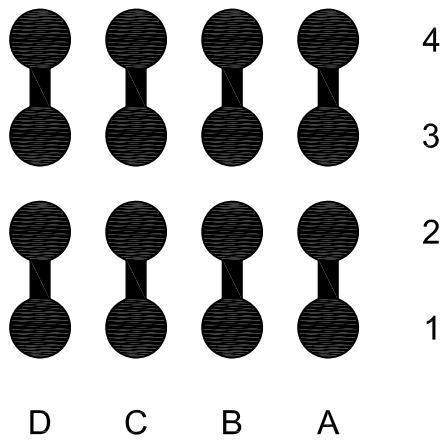
DO NOT SCALE DRAWING SHEET 1 OF 18

DAISY CHAIN
WLP SERIES
BALL VIEW

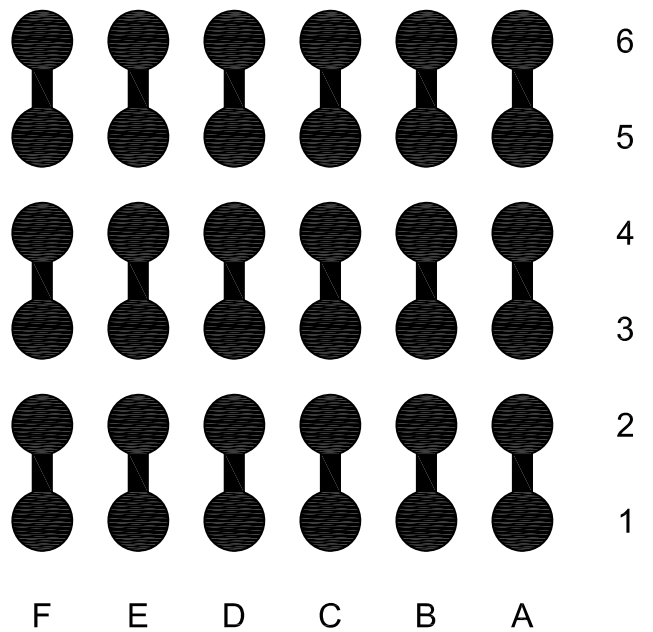
DC022



DC048



DC067



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TITLE DAISY CHAIN QUICK VIEW
WLP SERIES

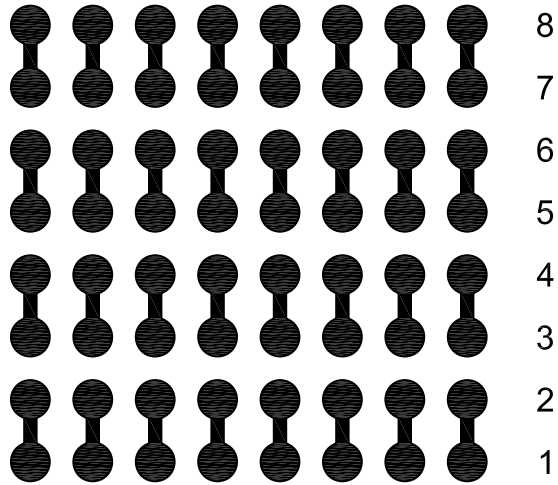
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SHEET 2 OF 18

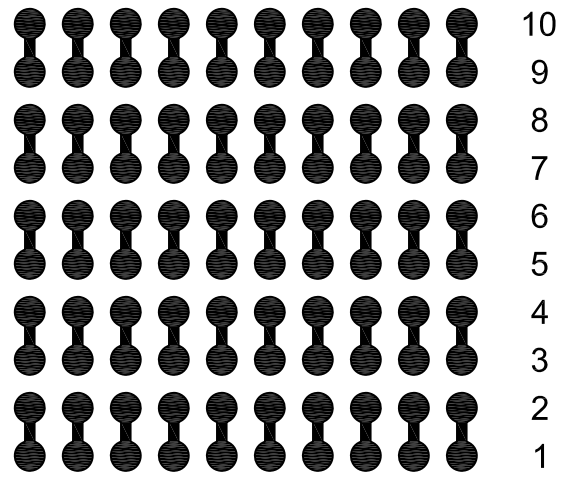
DAISY CHAIN
WLP SERIES
BALL VIEW

DC088



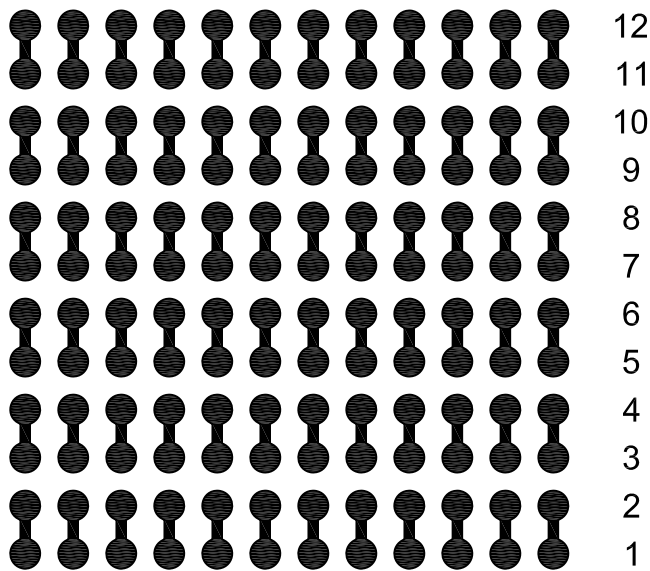
H G F E D C B A

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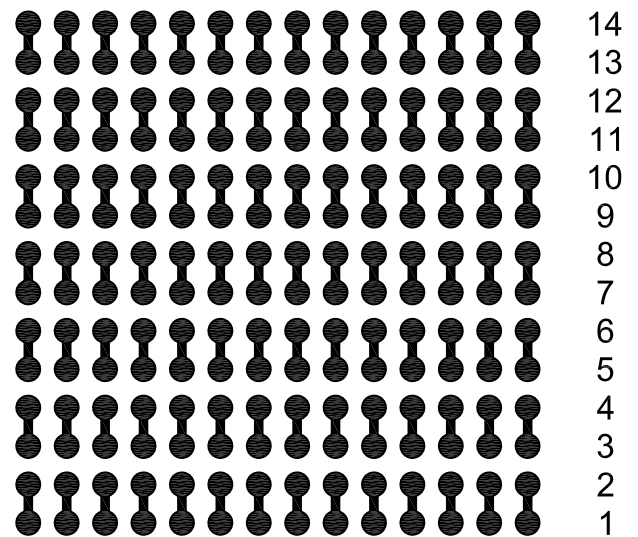
K J H G F E D C B A

DC127



M L K J H G F E D C B A

DC148



P N M L K J H G F E D C B A

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TITLE DAISY CHAIN QUICK VIEW
WLP SERIES

SCALE NONE	SIZE A	DRAWING NO. 150010	REV A
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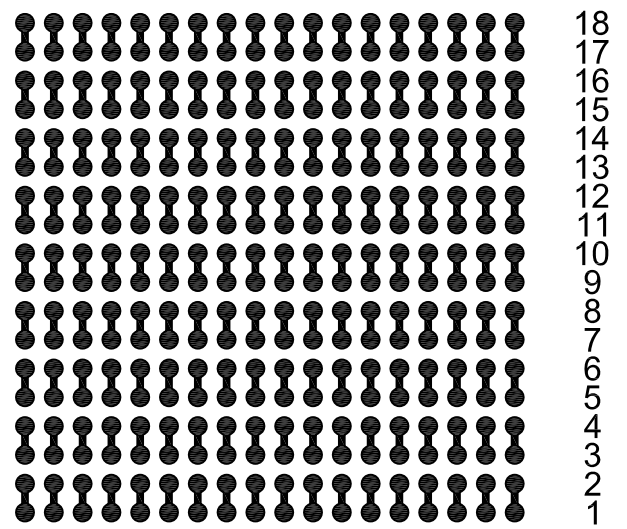
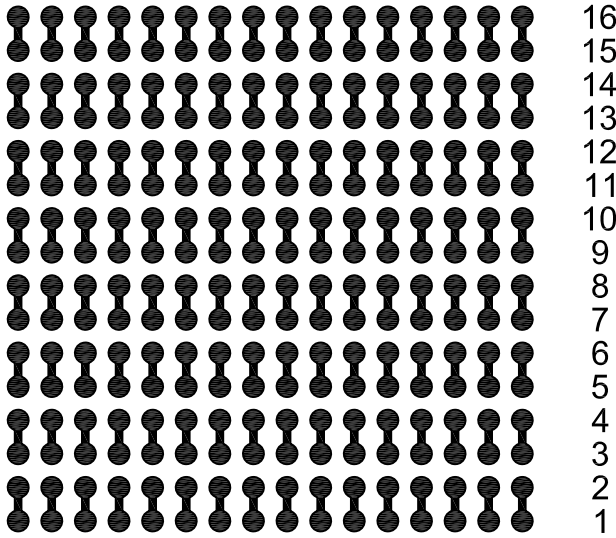
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SHEET 3 OF 18

DAISY CHAIN
WLP SERIES
BALL VIEW

DC168

DC188

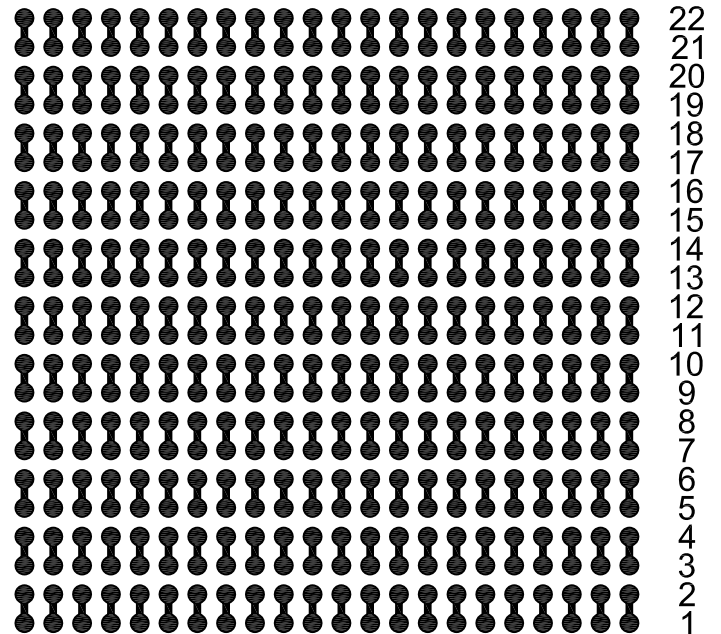
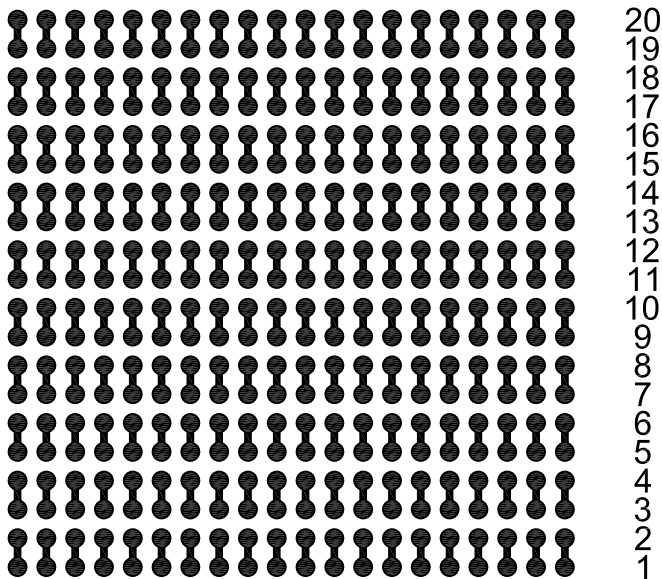


T R P N M L K J H G F E D C B A

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

DC208

DC228



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

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

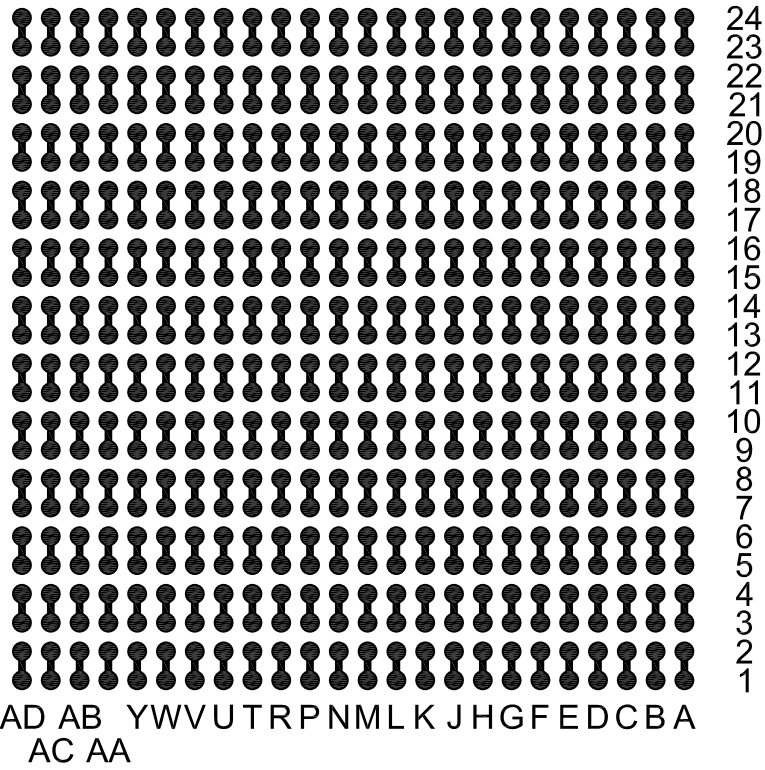


TITLE DAISY CHAIN QUICK VIEW
WLP SERIES

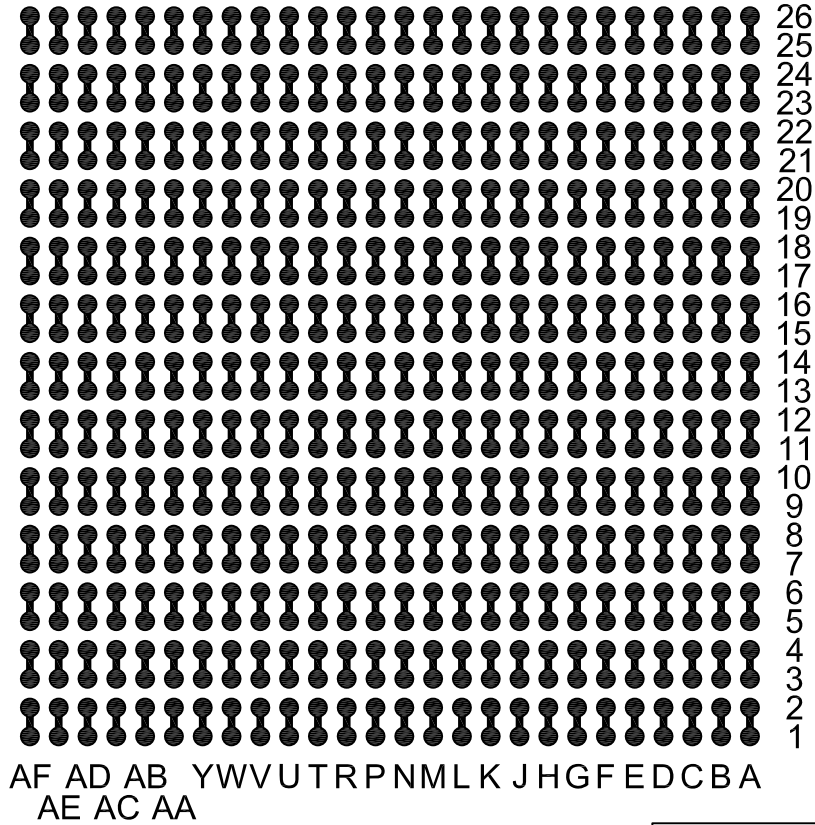
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DAISY CHAIN
WLP SERIES
BALL VIEW

DC248



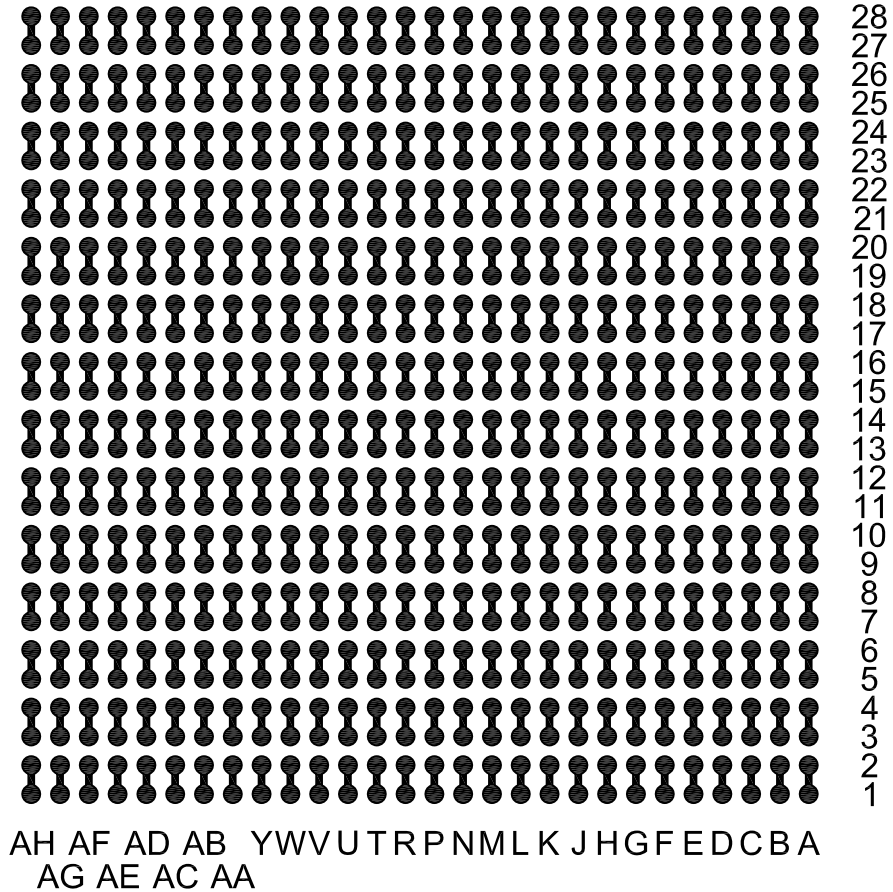
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TITLE DAISY CHAIN QUICK VIEW WLP SERIES			
SCALE NONE	SIZE A	DRAWING NO. 150010	REV A
DO NOT SCALE DRAWING			SHEET 5 OF 18

DAISY CHAIN
WLP SERIES
BALL VIEW

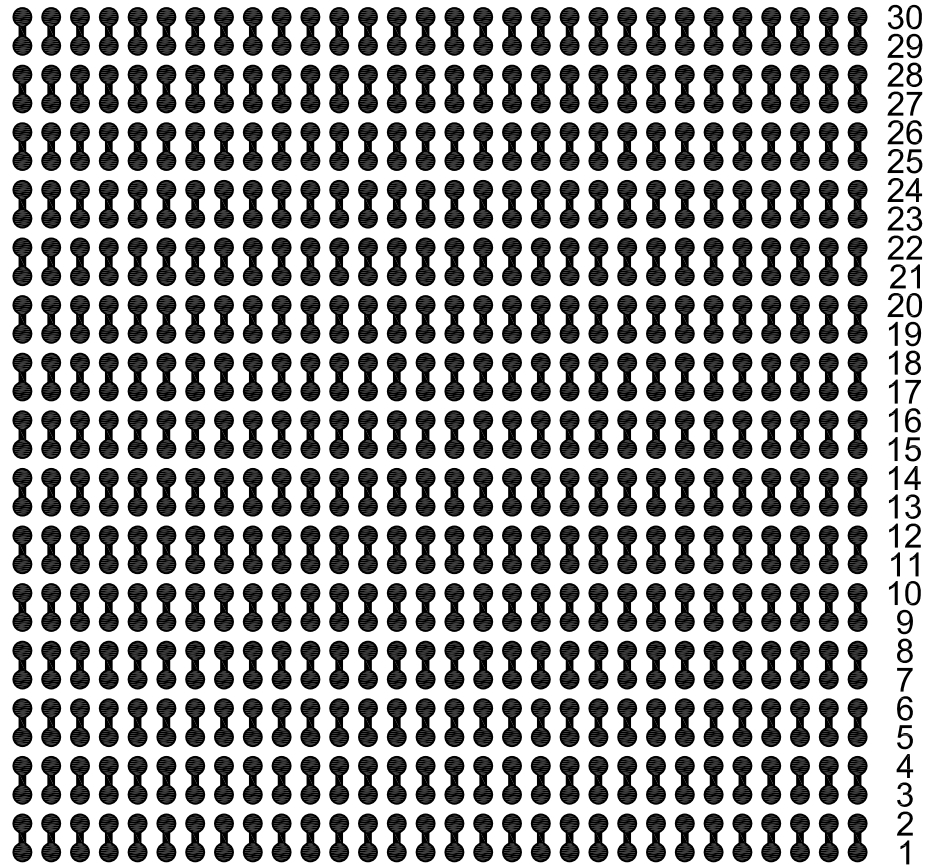
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TITLE DAISY CHAIN QUICK VIEW WLP SERIES			
SCALE NONE	SIZE A	DRAWING NO. 150010	REV A
DO NOT SCALE DRAWING			SHEET 6 OF 18

DAISY CHAIN
WLP SERIES
BALL VIEW

DC307

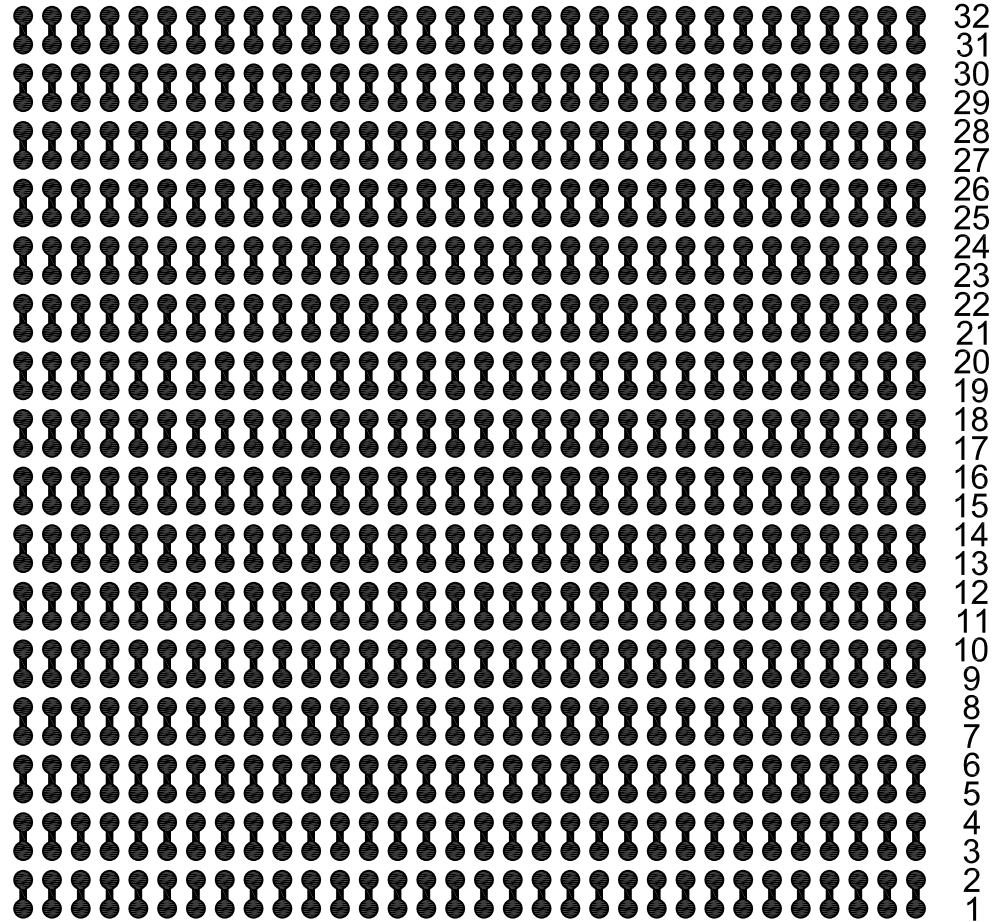


AK AH AF AD AB YWVUTRPNMLK JHGFEDCBA
AJ AG AE AC AA

TopLine®			
TITLE DAISY CHAIN QUICK VIEW WLP SERIES			
SCALE	SIZE	DRAWING NO.	REV
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DO NOT SCALE DRAWING			SHEET 7 OF 18

DAISY CHAIN
WLP SERIES
BALL VIEW

DC328

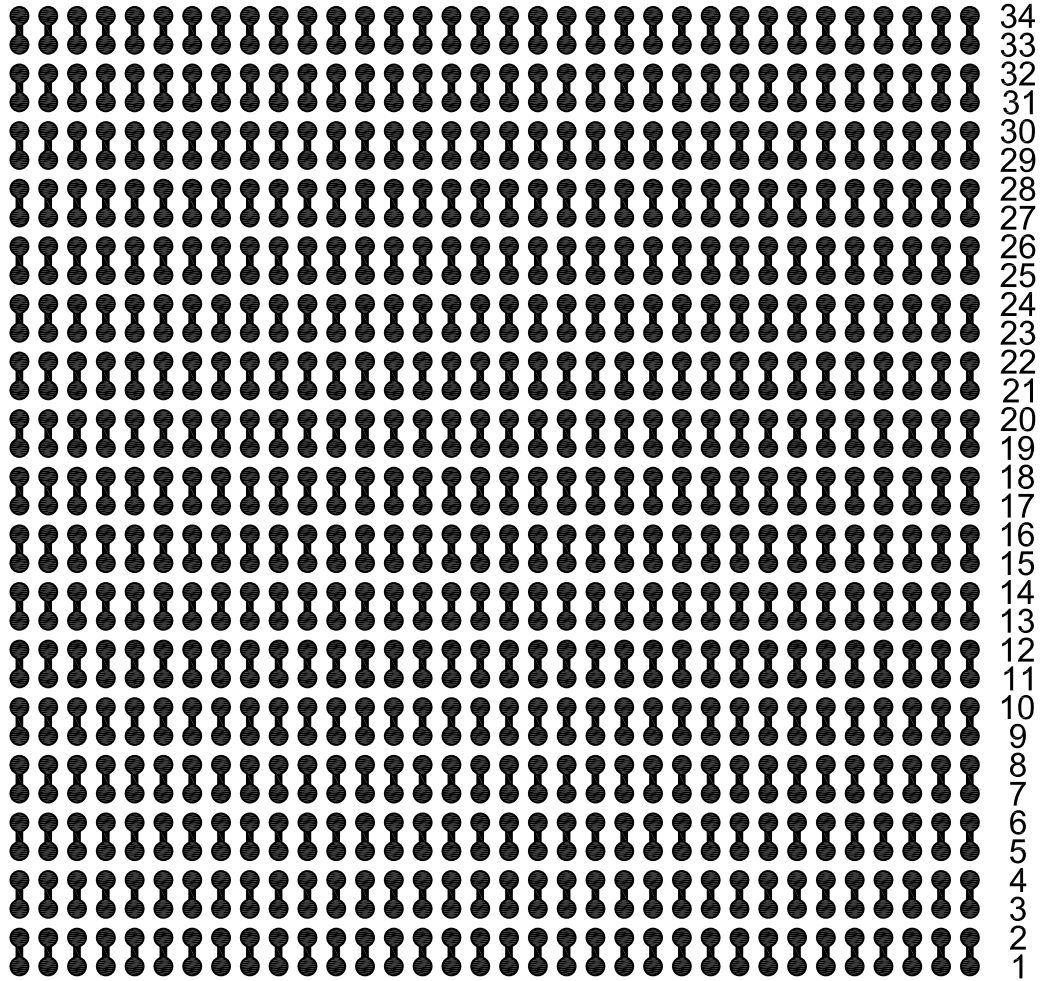


AM AK AH AF AD AB YWVUTRPNMLK JHGFEDCBA
AL AJ AG AE AC AA

TopLine®			
TITLE DAISY CHAIN QUICK VIEW WLP SERIES			
SCALE NONE	SIZE A	DRAWING NO. 150010	REV A
DO NOT SCALE DRAWING			SHEET 8 OF 18

DAISY CHAIN
WLP SERIES
BALL VIEW

DC348

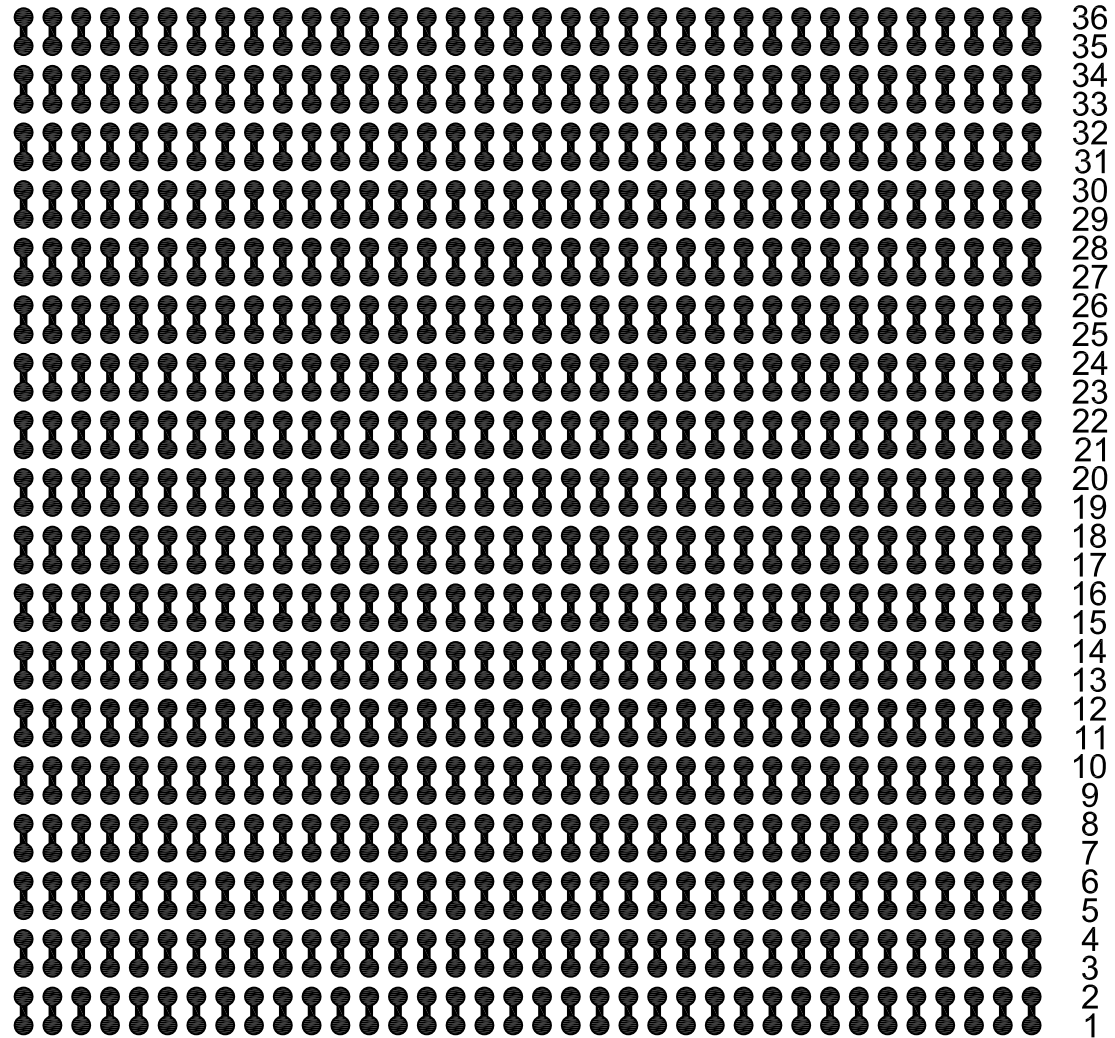


AP AM AK AH AF AD AB YWVUTRPNMLK JHGFEDCBA
AN AL AJ AG AE AC AA

TopLine[®]			
TITLE DAISY CHAIN QUICK VIEW WLP SERIES			
SCALE	SIZE	DRAWING NO.	REV
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DO NOT SCALE DRAWING			SHEET 9 OF 18

DAISY CHAIN
WLP SERIES
BALL VIEW

DC368

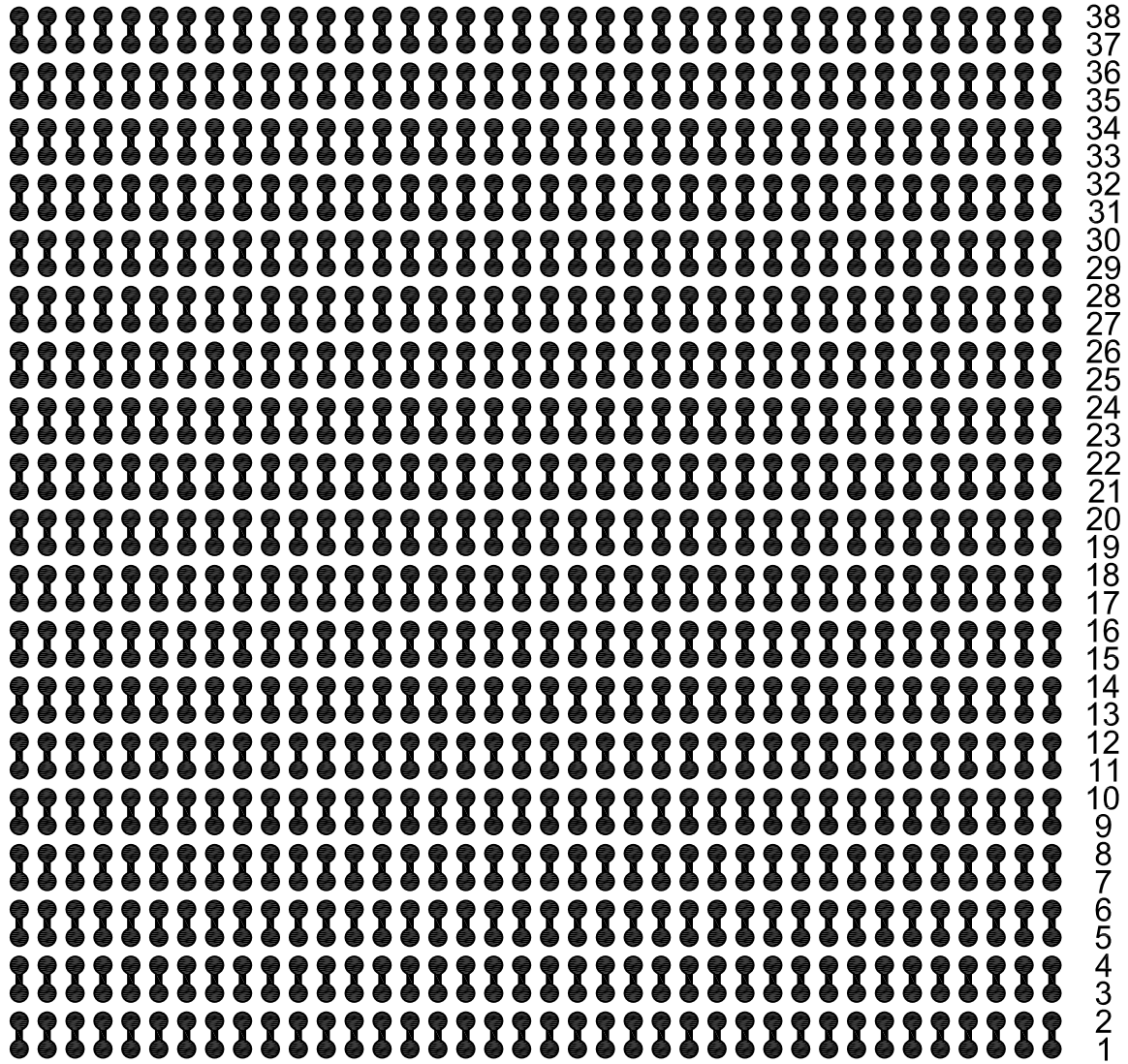


AT AP AM AK AH AF AD AB YWVUTRPNMLK JHGFEDCBA
AR AN AL AJ AG AE AC AA

TopLine®			
TITLE DAISY CHAIN QUICK VIEW WLP SERIES			
SCALE	SIZE	DRAWING NO.	REV
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DO NOT SCALE DRAWING			SHEET 10 OF 18

DAISY CHAIN
WLP SERIES
BALL VIEW

DC388

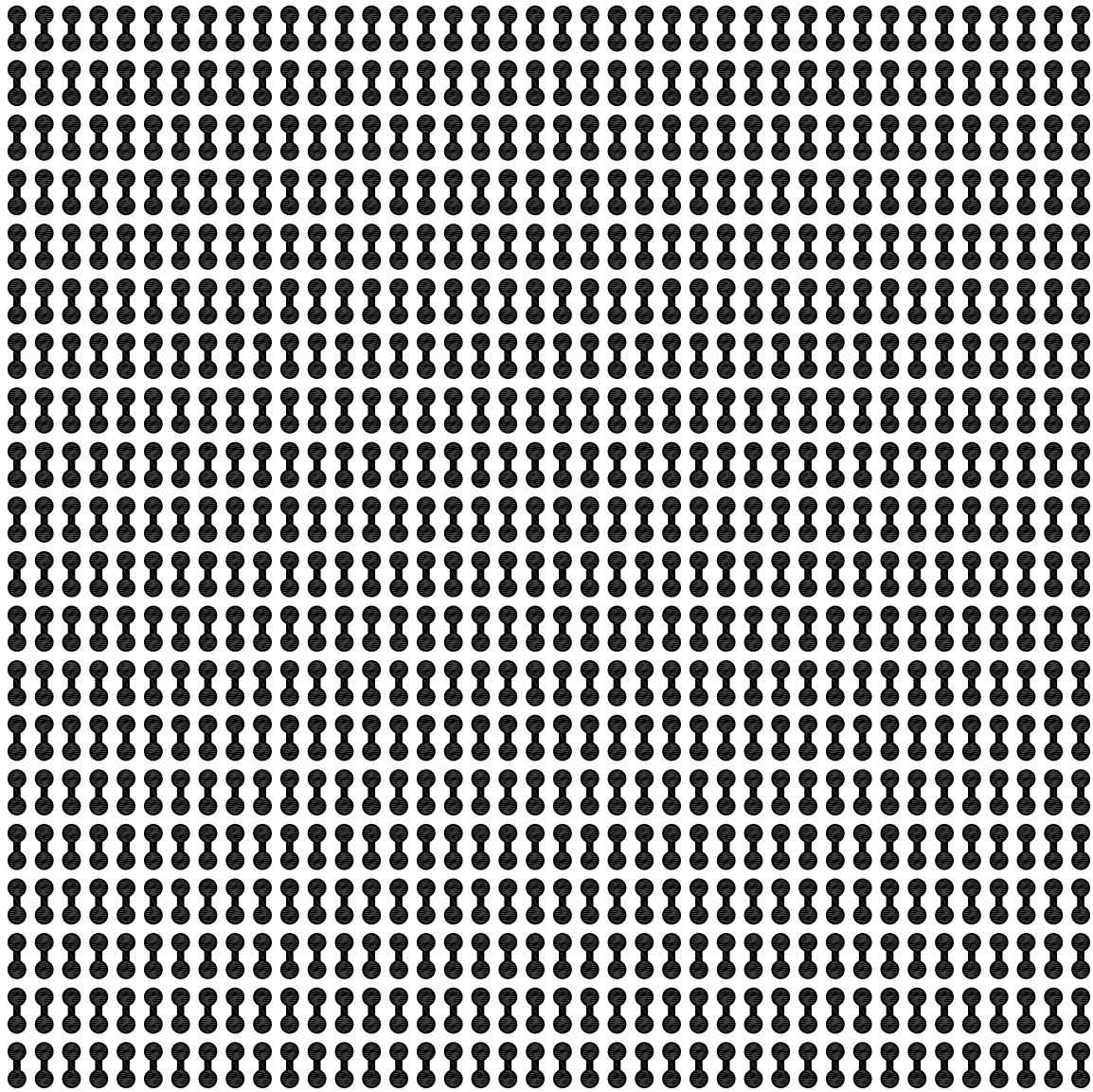


AV AT AP AM AK AH AF AD AB YWVUTRPNMLK JHGFEDCBA
AU AR AN AL AJ AG AE AC AA

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TITLE DAISY CHAIN QUICK VIEW WLP SERIES			
SCALE NONE	SIZE A	DRAWING NO. 150010	REV A
DO NOT SCALE DRAWING			SHEET 11 OF 18

DAISY CHAIN
WLP SERIES
BALL VIEW

DC408



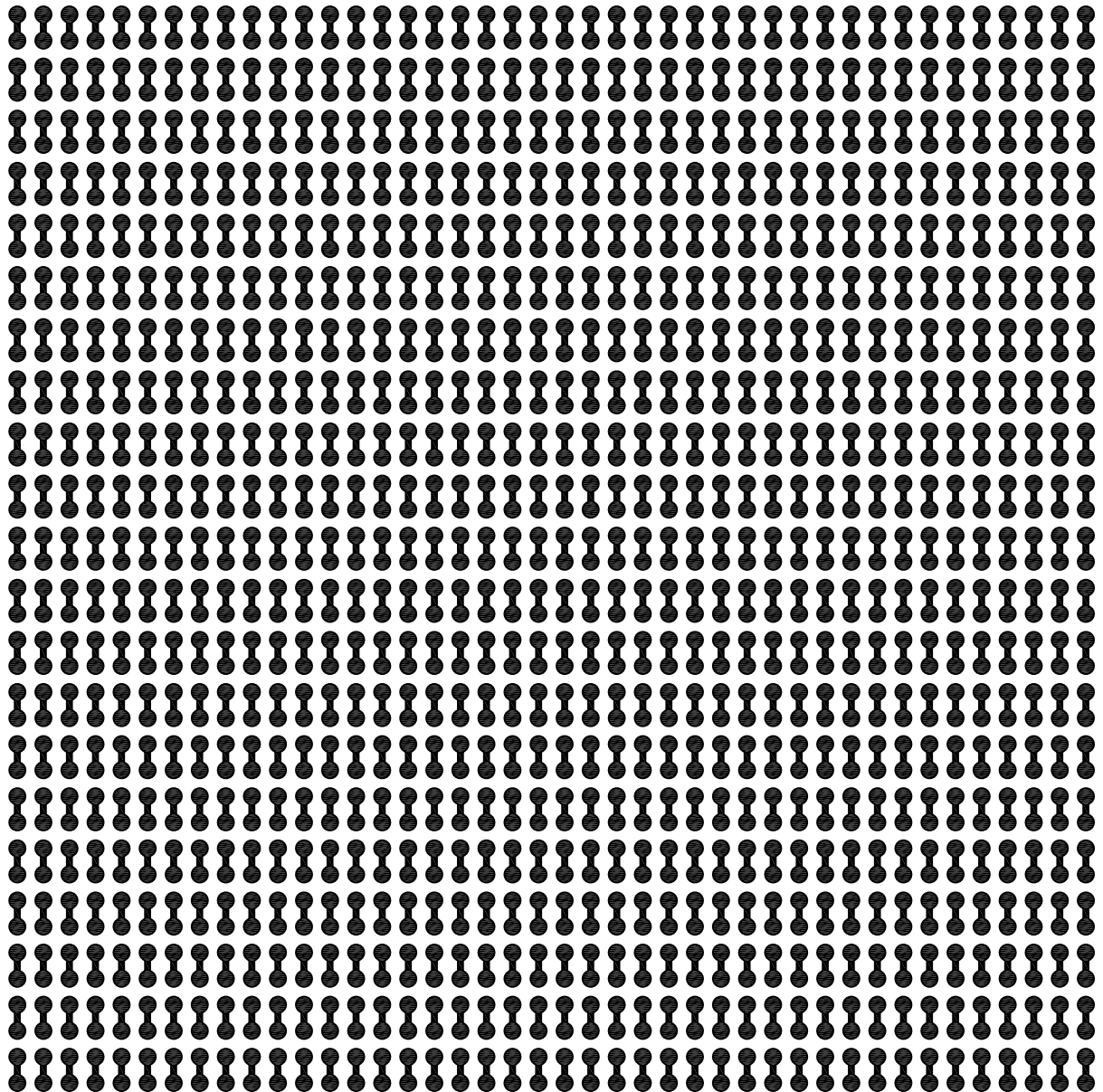
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AY AV AT AP AM AK AH AF AD AB YWVUTRPNMLK JHGFEDCBA
AW AU AR AN AL AJ AG AE AC AA

TopLine[®]			
TITLE DAISY CHAIN QUICK VIEW WLP SERIES			
SCALE NONE	SIZE A	DRAWING NO. 150010	REV A
DO NOT SCALE DRAWING			SHEET 12 OF 18

DAISY CHAIN
WLP SERIES
BALL VIEW

DC428



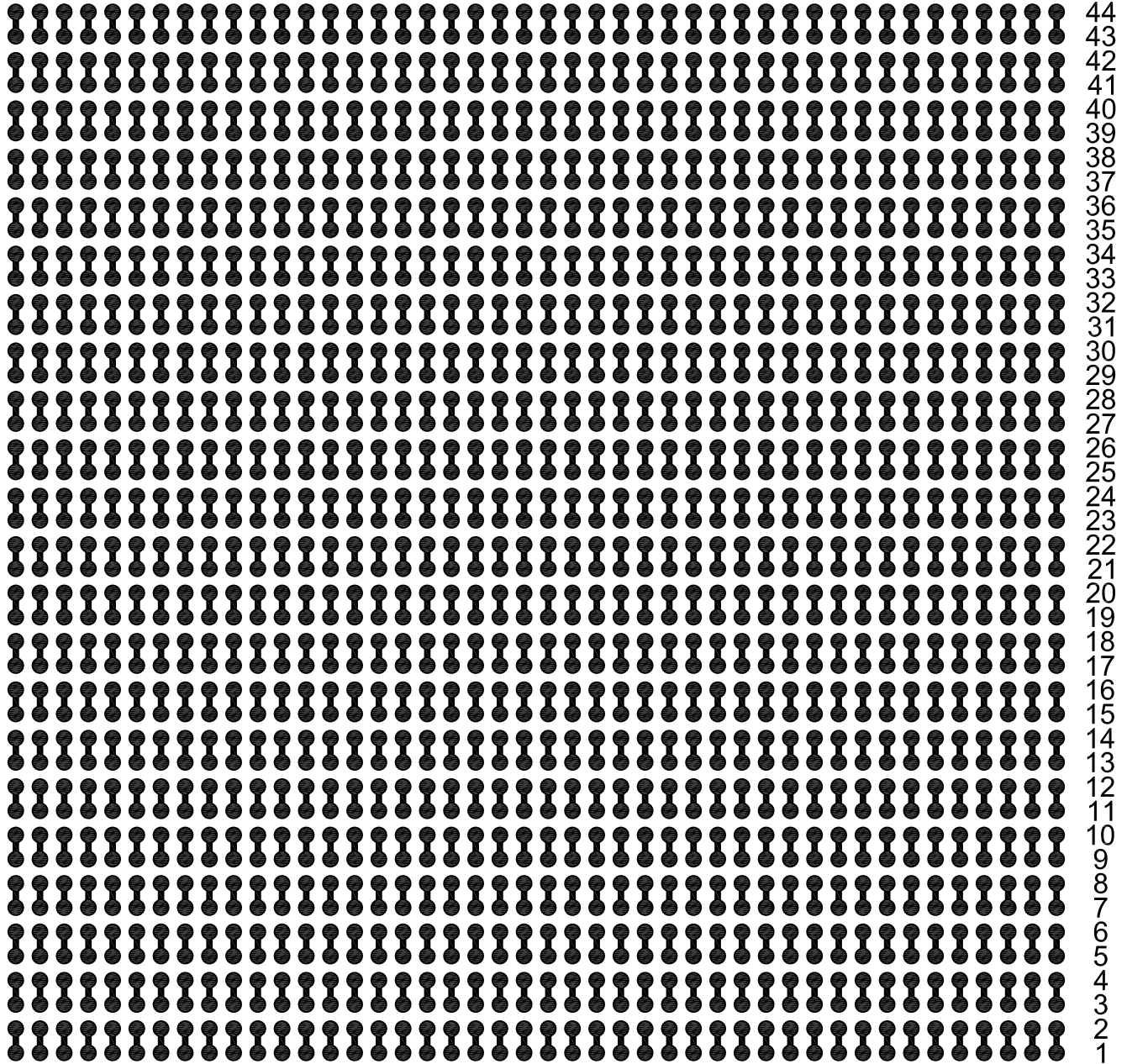
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BB AY AV AT AP AM AK AH AF AD AB YWVUTRP NMLK JHGFEDCBA
BA AW AU AR AN AL AJ AG AE AC AA

TopLine[®]			
TITLE DAISY CHAIN QUICK VIEW WLP SERIES			
SCALE	SIZE	DRAWING NO.	REV
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DO NOT SCALE DRAWING			SHEET 13 OF 18

DAISY CHAIN
WLP SERIES
BALL VIEW

DC448

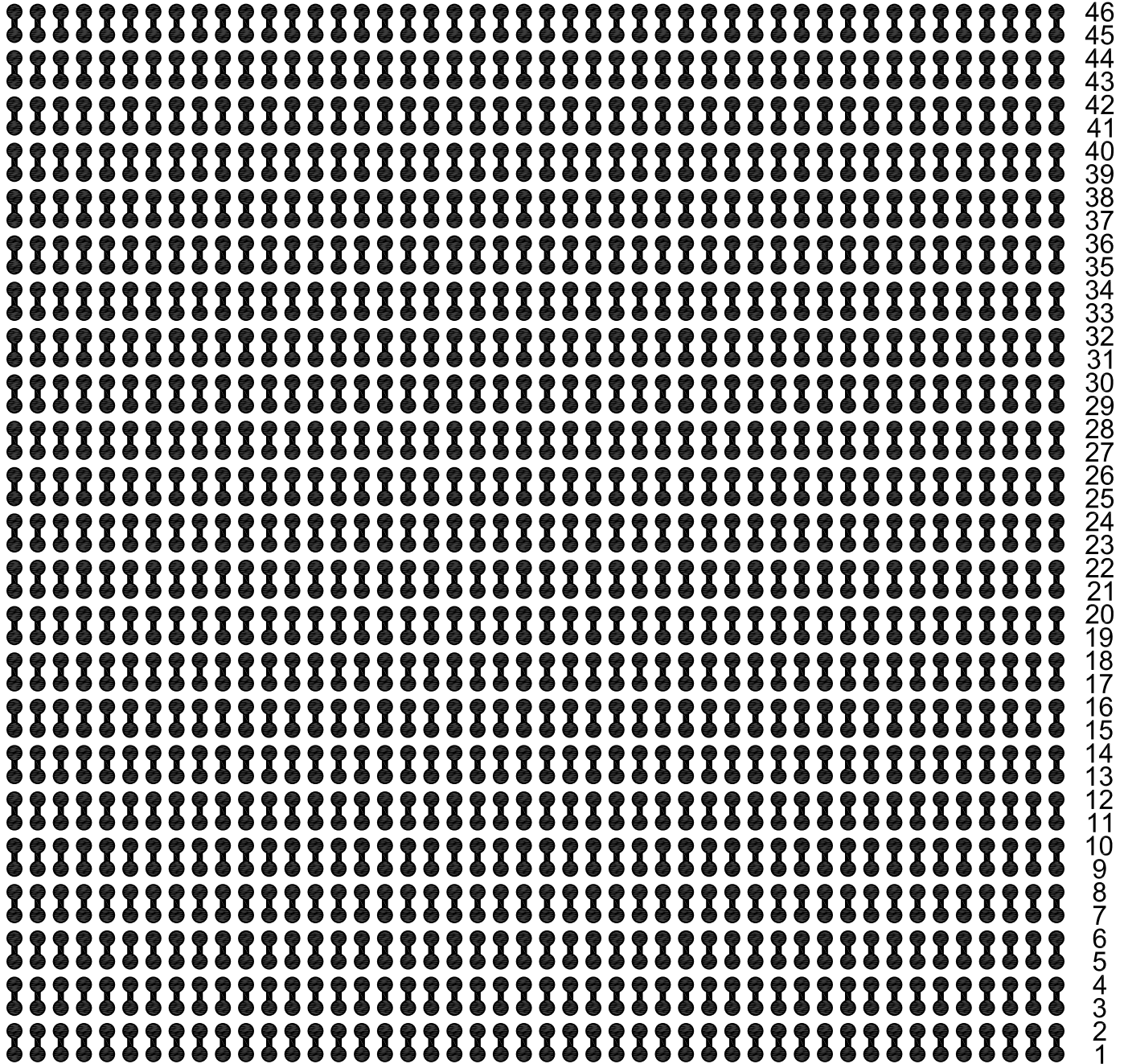


BD BB AY AV AT AP AM AK AH AF AD AB YWVUTRPNMLK JHGFEDCBA
BC BA AW AU AR AN AL AJ AG AE AC AA

TopLine [®]			
TITLE DAISY CHAIN QUICK VIEW WLP SERIES			
SCALE NONE	SIZE A	DRAWING NO. 150010	REV A
DO NOT SCALE DRAWING			SHEET 14 OF 18

DAISY CHAIN
WLP SERIES
BALL VIEW

DC468

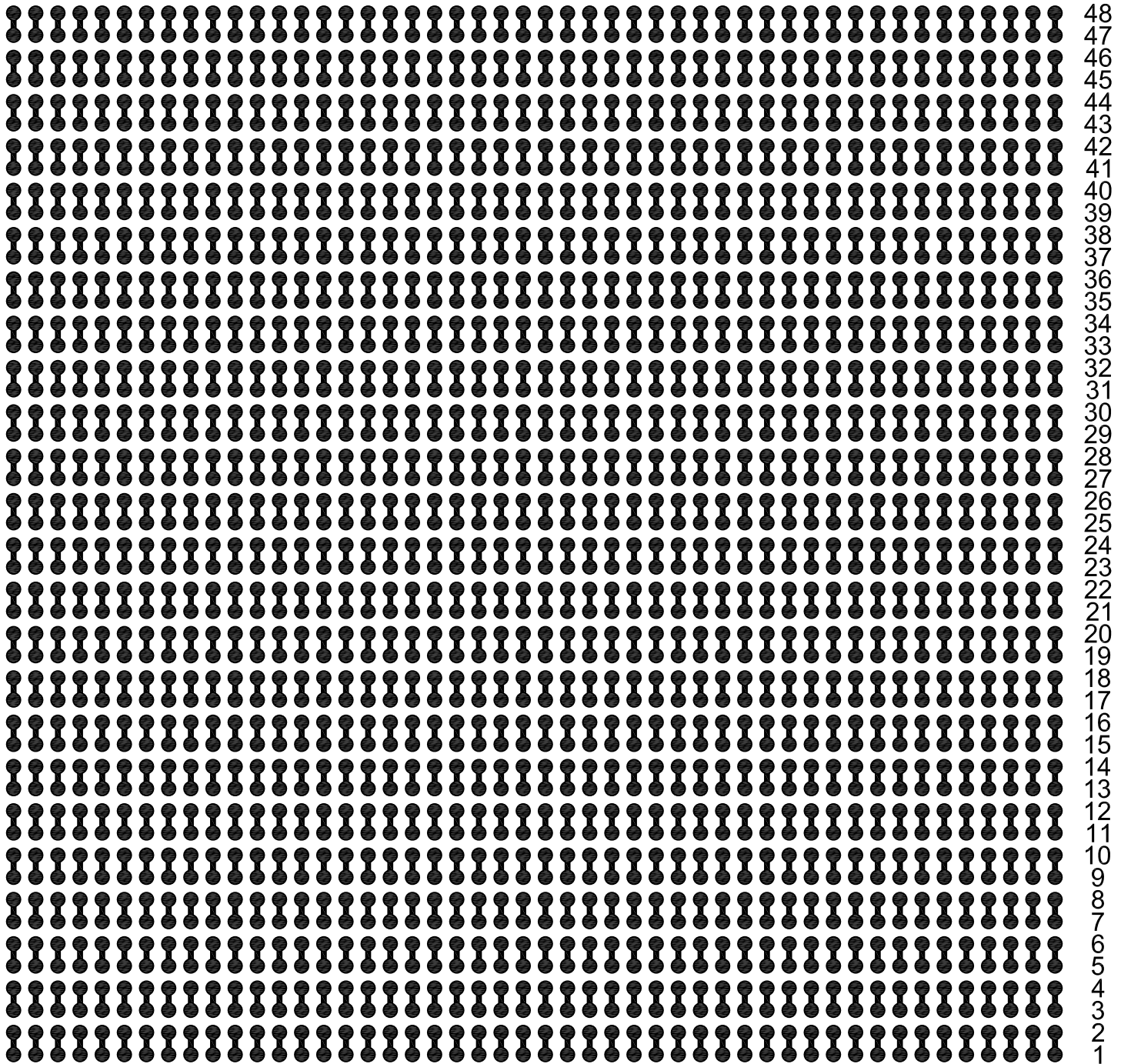


BF BD BB AY AV AT AP AM AK AH AF AD AB YWVUTRPNMLK JHGFEDCBA
BE BC BA AW AU AR AN AL AJ AG AE AC AA

TopLine®			
TITLE DAISY CHAIN QUICK VIEW WLP SERIES			
SCALE	SIZE	DRAWING NO.	REV
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DO NOT SCALE DRAWING			SHEET 15 OF 18

DAISY CHAIN
WLP SERIES
BALL VIEW

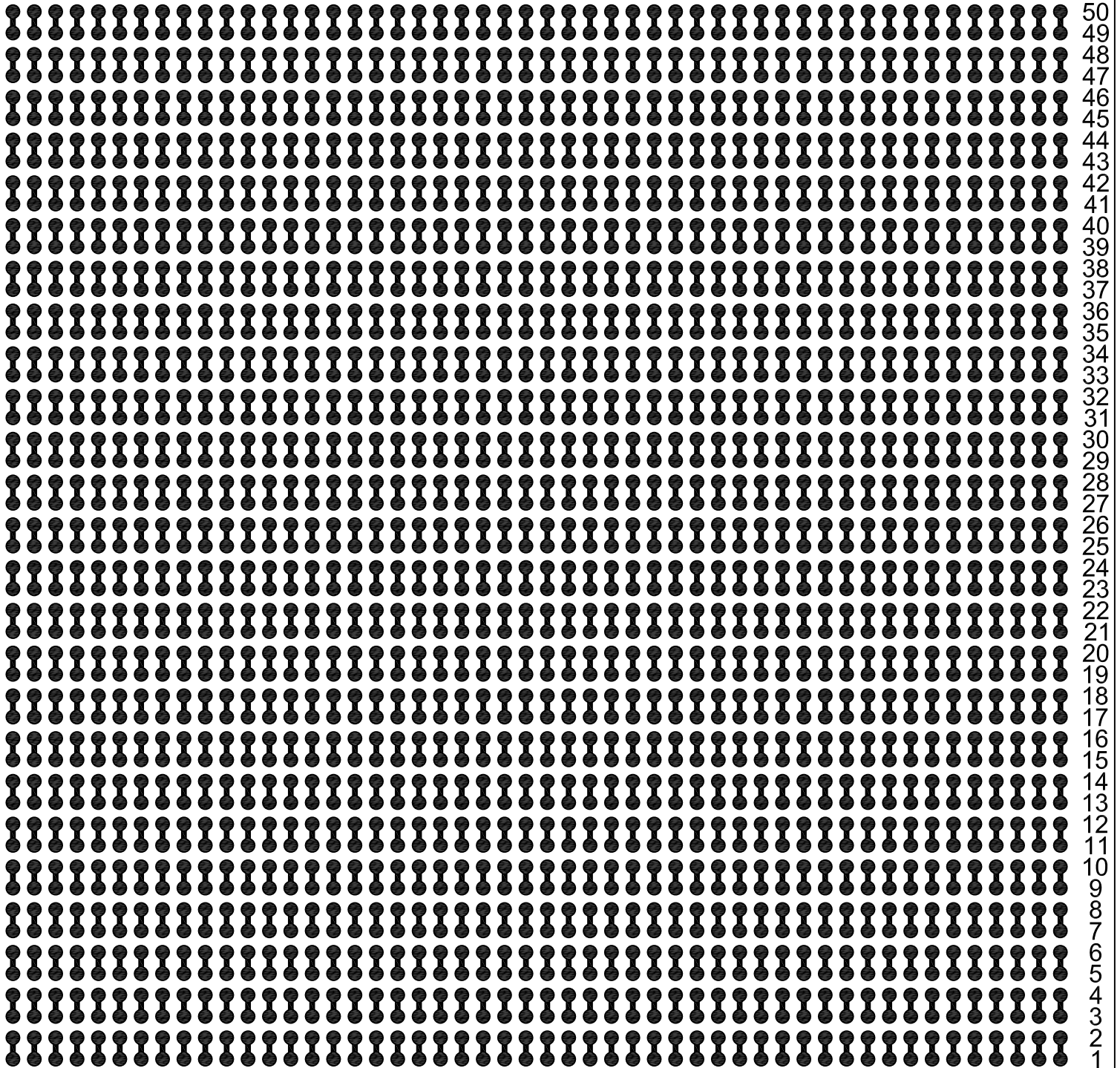
DC488



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BG BE BC BA AW AU AR AN AL AJ AG AE AC AA

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TITLE DAISY CHAIN QUICK VIEW WLP SERIES			
SCALE NONE	SIZE A	DRAWING NO. 150010	REV A
DO NOT SCALE DRAWING			SHEET 16 OF 18

DAISY CHAIN
WLP SERIES
BALL VIEW
DC508

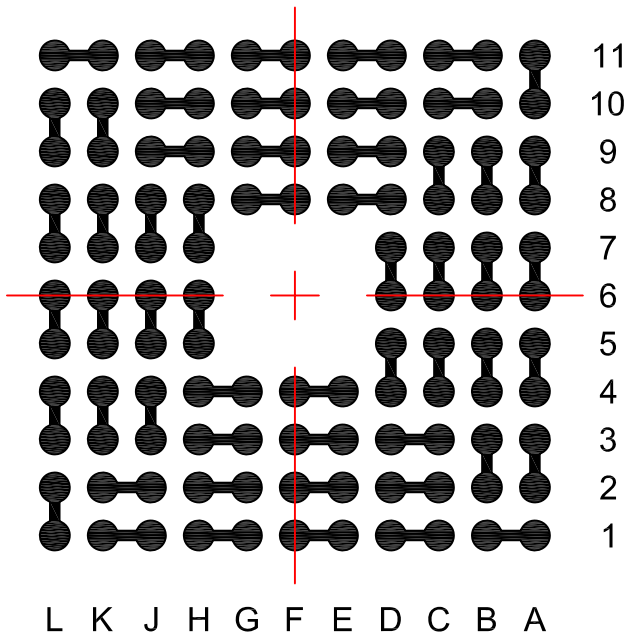


BK BH BF BD BB AY AV AT AP AM AK AH AF AD AB YWVUTRPNMLK JHGFEDCBA
BJ BG BE BC BA AW AU AR AN AL AJ AG AE AC AA

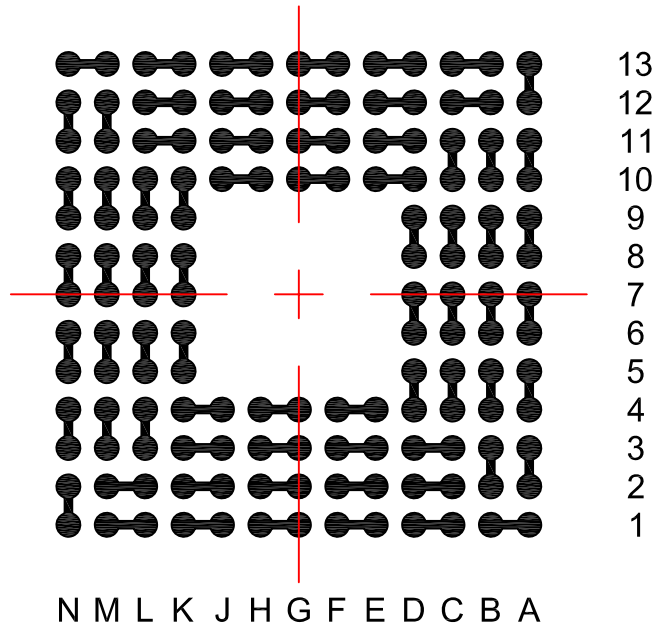
TopLine[®]			
TITLE DAISY CHAIN QUICK VIEW WLP SERIES			
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DO NOT SCALE DRAWING			SHEET 17 OF 18

DAISY CHAIN
WLP SERIES
BALL VIEW

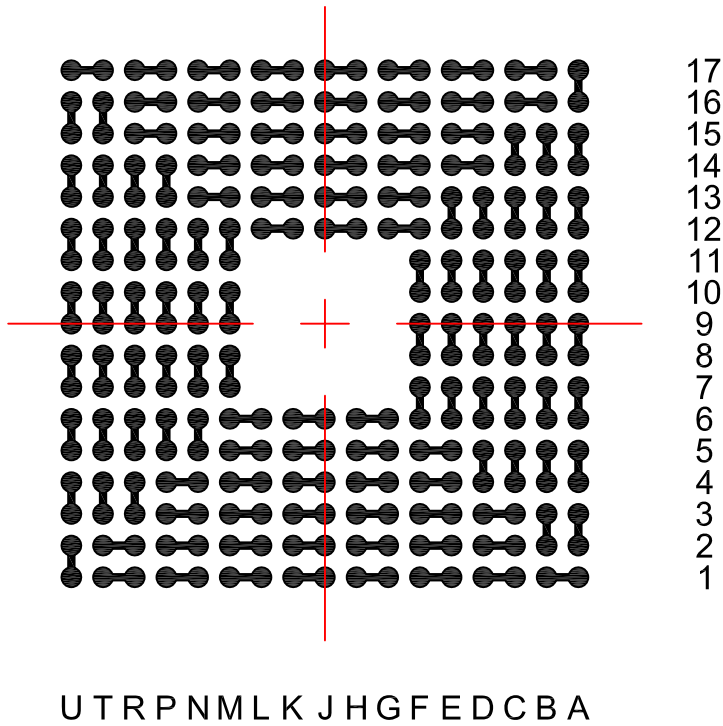
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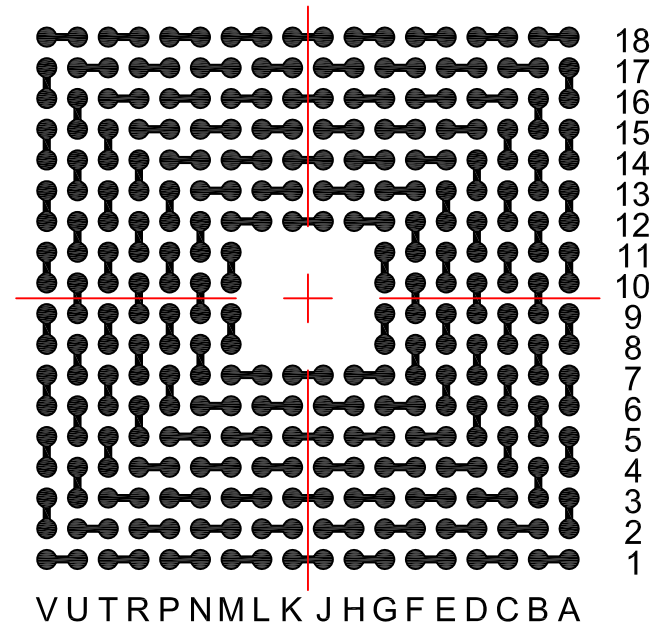
DC133



DC173



DC187



TopLine®			
TITLE DAISY CHAIN QUICK VIEW WLP SERIES			
SCALE NONE	SIZE A	DRAWING NO. 150010	REV A
DO NOT SCALE DRAWING			SHEET 18 OF 18