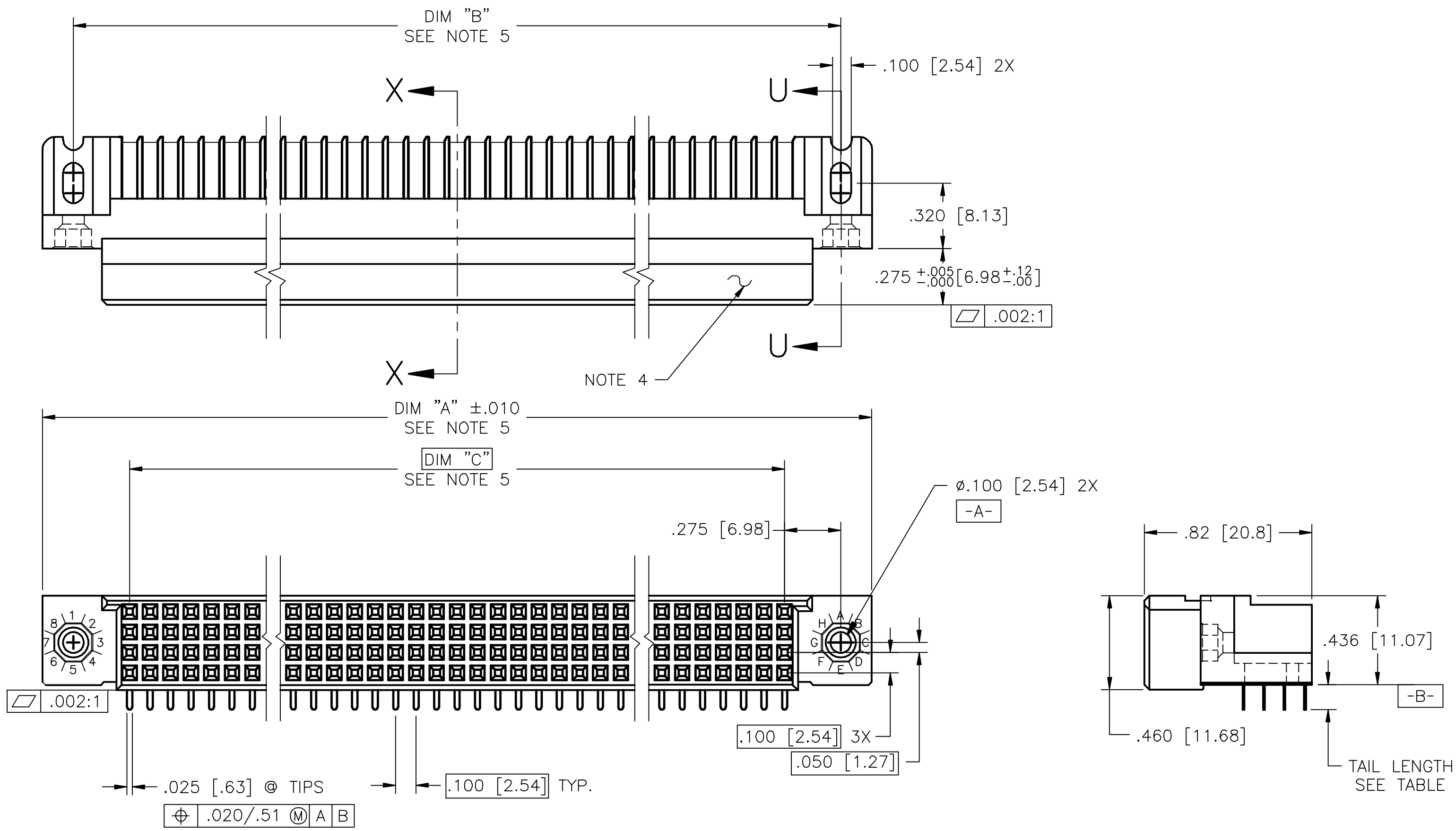
PRODUCT NUMBER
SEE TABLE



mat'l. code: SEE NOTE 3				surface ISO 1302		tolerance ISO 406 ISO 1101	projection	product family: HPC
ltr	ecn no	dr	date	tolerances unless otherwise specified				title: 4 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN
K	V50266	SAR	9/5/95	angles	linear	.XX±.01/.X±0.3	INCH/MM	
L	V82251	HTB	12/28/98			.XXX±.005/.XX±0.13		
M	V00253	JWS	1/12/00	0°±2°		.XXXX±.0020/.XXX±0.051	scale 1:1	
N	V05-0513	DAI	10/19/05	dr	D.SHEAFER	1/7/90		dwg no: 50003 — sheet 1 of 4 — size A3
P	M06-0283	MHT	7/27/06	engr	S.CLARK	1/7/90		
R	M07-0136	AGS	2/26/07	chr	S.CLARK	1/7/90		
S	M08-0280	AGS	9/30/08	appd	S.CLARK	1/7/90		type: Product Customer Drawing

sheet index	revision	S	S	S	S
	sheet	1	2	3	4

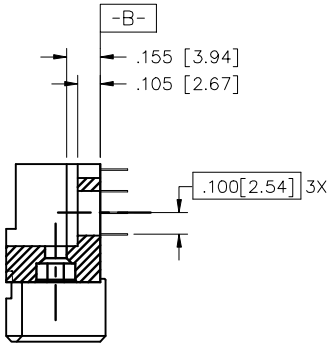
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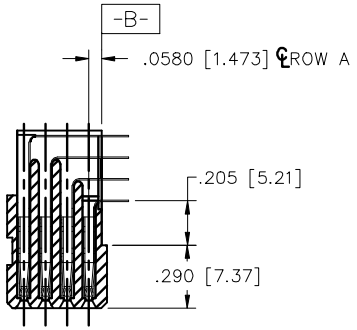
form: A3

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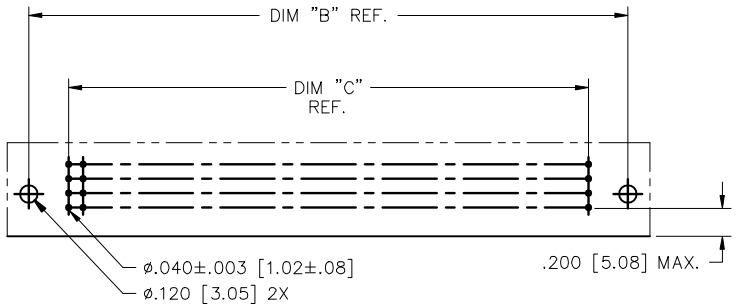
PRODUCT NUMBER
SEE TABLE



SECTION U–U



SECTION X–X



RECOMMENDED PCB LAYOUT
(ALL HOLES LOCATED ON .100 [2.54] GRID UNLESS OTHERWISE SPECIFIED)

NOTES:

1. PRODUCT NUMBERING CODE:
   50003 – X YYY Z LF
   - LF — LEAD FREE (OPTIONAL)
   - Z — TAIL LENGTH SEE TABLE
   - YYY — NO. OF POSITIONS SEE NOTE 2
   - X — PLATING SEE TABLE
   - 50003 — BASE NUMBER

   PRODUCT NUMBERING CODE FOR SELECT LOAD PART NUMBERS:
   50003 – XXYYY LF
   - LF — LEAD FREE (OPTIONAL)
   - YYY — SEQUENCE NUMBER
   - XX — ALWAYS 'XX'
   - 50003 — BASE NUMBER

2. THIS PRODUCT IS CONFIGURED IN SIZES OF 6 THRU 80 COLUMNS IN INCREMENTS OF ONE. i.e.: 6,7,8,9.....79,80.

3. HOUSING MATERIAL: GLASS AND MINERAL FILLED THERMOPLASTIC. CONTACT MATERIAL: BeCu

4. COMPANY NAME, PART NUMBER AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS–12–108.

5. LENGTH FORMULAS
   DIM A= .100/2.54 X NO. OF COLUMNS + .75/19.1
   DIM B= .100/2.54 X NO. OF COLUMNS + .450/11.43
   DIM C= .100/2.54 X NO. OF COLUMNS – .100/2.54

6. PRODUCT WITH 'LF" SUFFIX MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DISCRIBED IN GS–22–008.

7. THIS HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10–30 SECONDS IN CONVECTION, INFRA–RED OR VAPOR PHASE REFLOW OVEN.

8. DUE TO SPECIAL PLATING, LF NOT AVAILABLE FOR 50003–XX002.

9. PLATING OPTION:
   MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mat'l code	surface	tolerance	projection	product family
SEE NOTE 3	ISO 1302	ISO 406 ISO 1101		HPC

ltr	ecn no	dr	date
S			

tolerances unless otherwise specified

angles	linear	INCH/MM
0°±2°	.XX±.01/.X±0.3 .XXX±.005/.XX±0.13 .XXXX±.0020/.XXX±0.051	scale 1:1

dr	D.SHEAFER	1/7/90
engr	S.CLARK	1/7/90
chr	S.CLARK	1/7/90
appd	S.CLARK	1/7/90

sheet index	revision sheet

title: 4 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN

dwg no: 50003 | sheet 2 of 4 | size A3

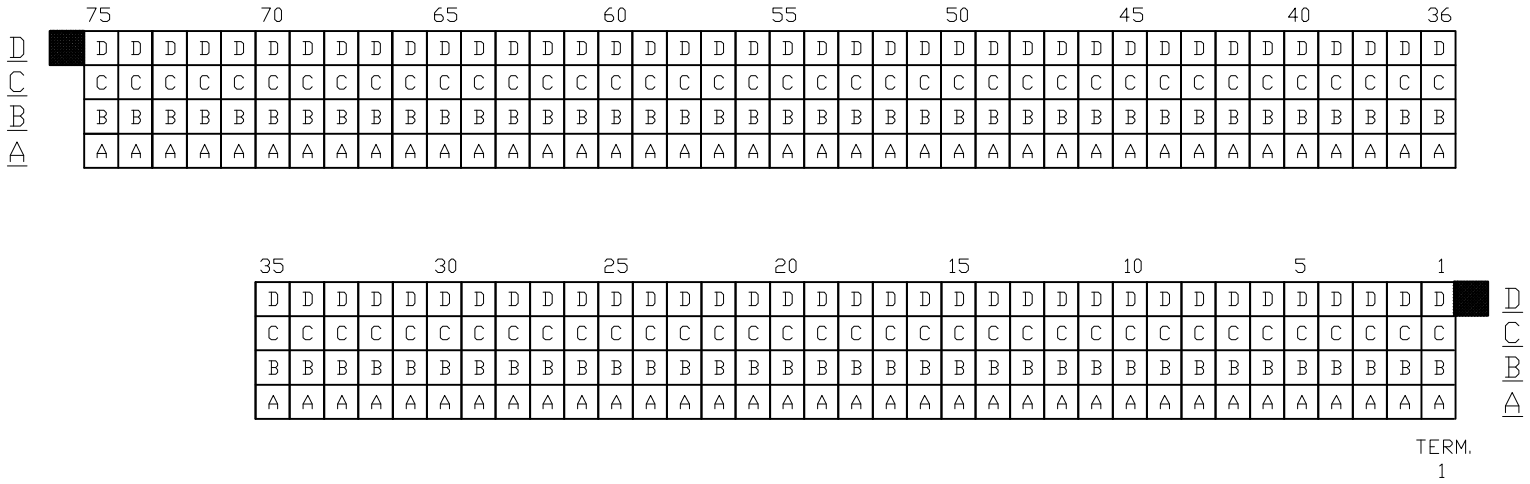
type: Product Customer Drawing

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form: A3

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PRODUCT NUMBER
SEE TABLE

50003-XX002 ONLY



NOTES FOR 50003-XX002 ONLY:

1. ALL POSITIONS ARE LOADED AS SHOWN.
2. COLUMN 1, ROW A IS DESIGNATED AS SIGNAL TERM. 1, AS VIEWED FROM THE MATING FACE.
3. SIGNAL DATA FOR 50003-XX002
   SIZE 4X 75
   TOTAL NUMBER OF POSITIONS: 300
   TOTAL NUMBER OF POSITIONS LOADED: 300

ITEM KEY	QTY.	TAIL LENGTH
A	75	.125 / 3.18
B	75	.125 / 3.18
C	75	.125 / 3.18
D	75	.125 / 3.18

mat'l code: SEE NOTE 3				surface: ISO 1302		tolerance: ISO 406 ISO 1101		projection	product family: HPC		
ltr	ecn no	dr	date	tolerances unless otherwise specified					title: 4 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN		
S				angles: 0°±2°	linear	.XX±.01/.X±0.3		INCH/MM			
						.XXX±.005/.XX±0.13					
						.XXXX±.0020/.XXX±0.051		scale 1:1			
				dr	D.SHEAFER	1/7/90			dwg no: 50003	sheet 3 of 4	size: A3
				engr	S.CLARK	1/7/90					
				chr	S.CLARK	1/7/90					
				appd	S.CLARK	1/7/90			type: Product Customer Drawing		
sheet index	revision sheet										

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form: A3

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PRODUCT NUMBER	NUMBER OF POSITIONS SEE NOTE 2	TAIL LENGTH	CONTACT PLATING NOTE 9	TAIL PLATING	
50003-1YYYE	YYY	.125±.010 / 3.18±0.25	30u" /0.76u Au	TIN/LEAD	
50003-1YYYELF	YYY	.125±.010 / 3.18±0.25	30u" /0.76u Au	TIN	
50003-1YYYF	YYY	.145±.010 / 3.68±0.25	30u" /0.76u Au	TIN/LEAD	
50003-1YYYFLF	YYY	.145±.010 / 3.68±0.25	30u" /0.76u Au	TIN	
50003-1YYYH	YYY	.180±.010 / 4.57±0.25	30u" /0.76u Au	TIN/LEAD	
50003-1YYYHLF	YYY	.180±.010 / 4.57±0.25	30u" /0.76u Au	TIN	
50003-3YYYE	YYY	.125±.010 / 3.18±0.25	50u" /1.27u Au	TIN/LEAD	
50003-3YYYELF	YYY	.125±.010 / 3.18±0.25	50u" /1.27u Au	TIN	
50003-3YYYF	YYY	.145±.010 / 3.68±0.25	50u" /1.27u Au	TIN/LEAD	
50003-3YYYFLF	YYY	.145±.010 / 3.68±0.25	50u" /1.27u Au	TIN	
50003-5YYYE	YYY	.125±.010 / 3.18±0.25	30u" /0.76u GXT	TIN/LEAD	
50003-5YYYELF	YYY	.125±.010 / 3.18±0.25	30u" /0.76u GXT	TIN	
50003-5YYYF	YYY	.145±.010 / 3.68±0.25	30u" /0.76u GXT	TIN/LEAD	
50003-5YYYFLF	YYY	.145±.010 / 3.68±0.25	30u" /0.76u GXT	TIN	
50003-5YYYH	YYY	.180±.010 / 4.57±0.25	30u" /0.76u GXT	TIN/LEAD	
50003-5YYYHLF	YYY	.180±.010 / 4.57±0.25	30u" /0.76u GXT	TIN	
50003-XX002	YYY	.125±.010 / 3.18±0.25	80u" /2.03u Au	TIN/LEAD	NOTE 8

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mat'l. code NOTE 8 SEE NOTE 3	surface ISO 1302	tolerance ISO 406 ISO 1101	projection
ltr / ecn no / dr / date: S	tolerances unless otherwise specified		
	angles 0°±2°	linear .XX±.01/.X±0.3; .XXX±.005/.XX±0.13; .XXXX±.0020/.XXX±0.051	INCH/MM
	dr D.SHEAFER 1/7/90		scale 1:1
	engr S.CLARK 1/7/90		
	chr S.CLARK 1/7/90		
	appd S.CLARK 1/7/90		
sheet index / revision sheet			

product family: HPC

title: 4 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN

dwg no 50003 | sheet 4 of 4 | size A3

type: Product Customer Drawing

form: A3

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