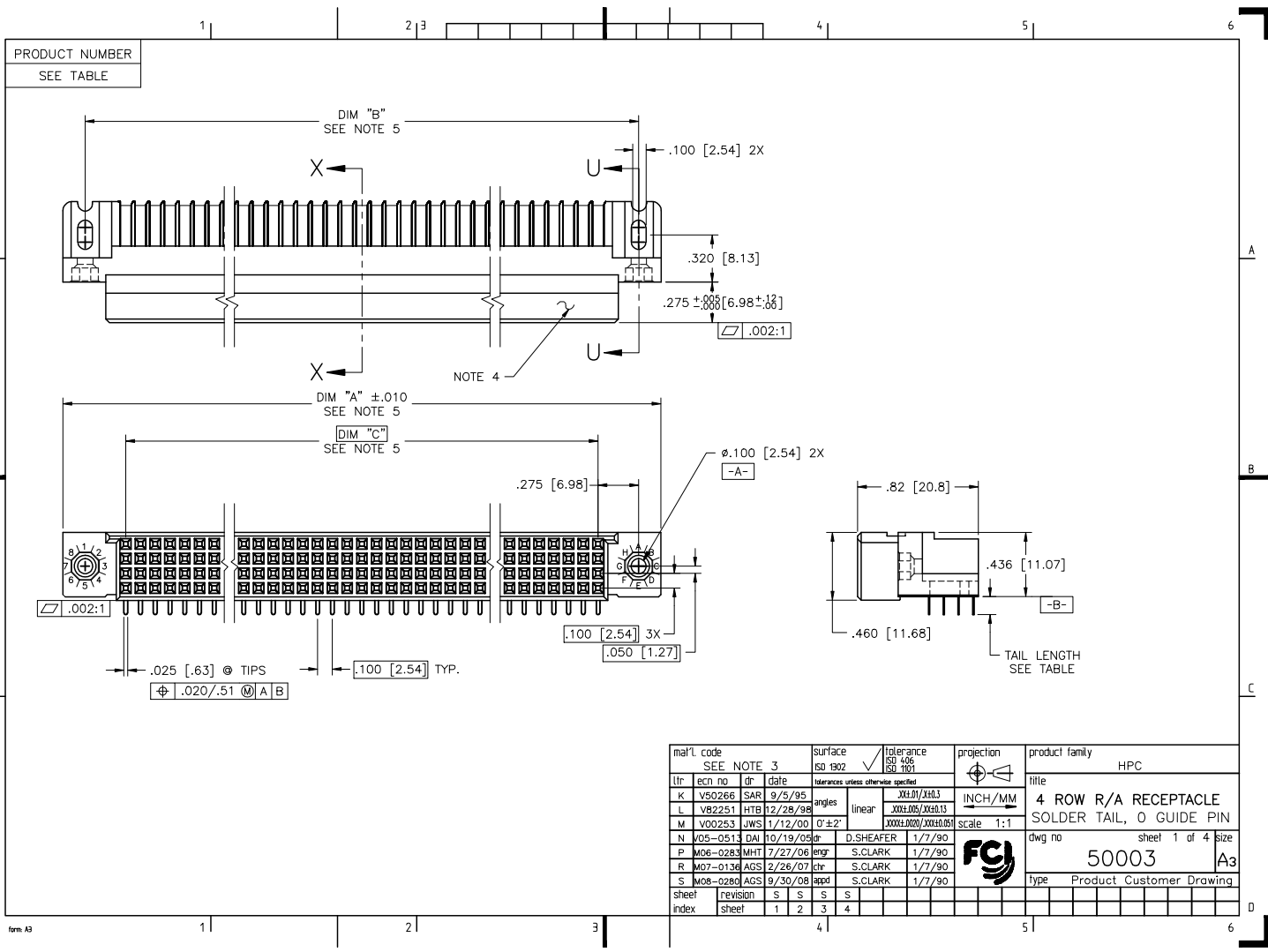


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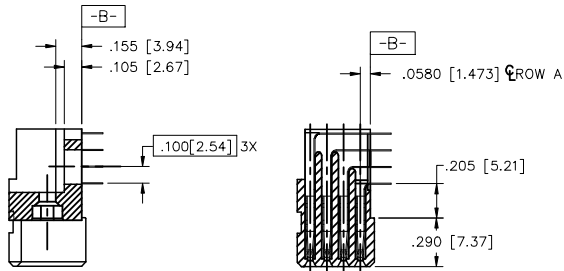
mal't. code SEE NOTE 3		surface ISO 1902	tolerance ISO 406 ISO 1001	projection 1st angle	product family HPC
lfr	ec'n no	dr	date	INCH/MM	title 4 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN
K	V50266	SAR	9/5/95	linear	scale 1:1
L	V82251	HTB	12/28/98	linear	XXL01/XXL03 XXXL005/XXXL013
M	V00253	JWS	1/12/00	0'±2'	XXXX±0020/XXXX0.051
N	V05-0513	DAI	10/19/05	dr	D.SHEAFER 1/7/90
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
sheet	revision	S	S	S	S
index	sheet	1	2	3	4

title
 4 ROW R/A RECEPTACLE
 SOLDER TAIL, 0 GUIDE PIN
 dwg no 50003 sheet 1 of 4 size A3
 type Product Customer Drawing

PRODUCT NUMBER
SEE TABLE

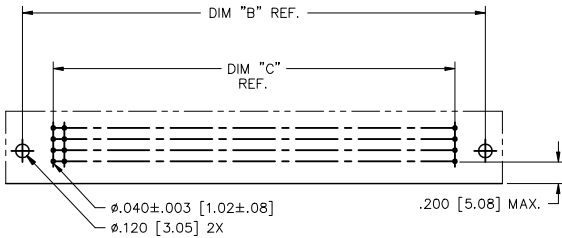
NOTES:

1. PRODUCT NUMBERING CODE:
50003 - X YYY Z LF
 - X LEAD FREE (OPTIONAL)
 - YYY TAIL LENGTH SEE TABLE
 - Z NO. OF POSITIONS SEE NOTE 2
 - LF PLATING SEE TABLE
 - BASE NUMBER
- PRODUCT NUMBERING CODE FOR SELECT LOAD PART NUMBERS:
50003 - XXYYY LF
 - XX LEAD FREE (OPTIONAL)
 - YYY SEQUENCE NUMBER
 - ALWAYS 'XX'
 - 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.



SECTION U-U

SECTION X-X



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

mal't. code SEE NOTE 3		surface ISO 1902	tolerance ISO 148 ISO 1001	projection	product family HPC
lfr	ecr no	dr	date	INCH/MM	title 4 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN
S				scale 1:1	dwg no 50003
					sheet 2 of 4 size A3
					type Product Customer Drawing
sheet index	revision sheet				

PRODUCT NUMBER
SEE TABLE

50003-XX002 ONLY

	75	70	65	60	55	50	45	40	36	
D	D	D	D	D	D	D	D	D	D	D
C	C	C	C	C	C	C	C	C	C	C
B	B	B	B	B	B	B	B	B	B	B
A	A	A	A	A	A	A	A	A	A	A

	35	30	25	20	15	10	5	1	
D	D	D	D	D	D	D	D	D	D
C	C	C	C	C	C	C	C	C	C
B	B	B	B	B	B	B	B	B	B
A	A	A	A	A	A	A	A	A	A

TERM.
1

NOTES FOR 50003-XX002 ONLY:

- ALL POSITIONS ARE LOADED AS SHOWN.
- COLUMN 1, ROW A IS DESIGNATED AS SIGNAL TERM. 1, AS VIEWED FROM THE MATING FACE.
- 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

mal't. code	surface	tolerance	projection	product family
SEE NOTE 3	ISO 1902	ISO 148 ISO 1001		HPC
lfr	ecn no	dr	date	title
S				4 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN
		angles	linear	INCH/MM
		0'±2'	XXX.01/XX±0.3 XXX±.005/XX±0.13 XXX±.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			



PRODUCT NUMBER	NUMBER OF POSITIONS SEE NOTE 2	TAIL LENGTH	CONTACT PLATING NOTE 9	TAIL PLATING
50003-1YYYY	YYY	.125±.010 / 3.18±0.25	30u" /0.76u Au	TIN/LEAD
50003-1YYYYELF	YYY	.125±.010 / 3.18±0.25	30u" /0.76u Au	TIN
50003-1YYYYF	YYY	.145±.010 / 3.68±0.25	30u" /0.76u Au	TIN/LEAD
50003-1YYYYFLF	YYY	.145±.010 / 3.68±0.25	30u" /0.76u Au	TIN
50003-1YYYYH	YYY	.180±.010 / 4.57±0.25	30u" /0.76u Au	TIN/LEAD
50003-1YYYYHLF	YYY	.180±.010 / 4.57±0.25	30u" /0.76u Au	TIN
50003-3YYYYE	YYY	.125±.010 / 3.18±0.25	50u" /1.27u Au	TIN/LEAD
50003-3YYYYELF	YYY	.125±.010 / 3.18±0.25	50u" /1.27u Au	TIN
50003-3YYYYF	YYY	.145±.010 / 3.68±0.25	50u" /1.27u Au	TIN/LEAD
50003-3YYYYFLF	YYY	.145±.010 / 3.68±0.25	50u" /1.27u Au	TIN
50003-5YYYYE	YYY	.125±.010 / 3.18±0.25	30u" /0.76u GXT	TIN/LEAD
50003-5YYYYELF	YYY	.125±.010 / 3.18±0.25	30u" /0.76u GXT	TIN
50003-5YYYYF	YYY	.145±.010 / 3.68±0.25	30u" /0.76u GXT	TIN/LEAD
50003-5YYYYFLF	YYY	.145±.010 / 3.68±0.25	30u" /0.76u GXT	TIN
50003-5YYYYH	YYY	.180±.010 / 4.57±0.25	30u" /0.76u GXT	TIN/LEAD
50003-5YYYYHLF	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

mal't. code NOTE 8 SEE NOTE 3		surface ISO 1902	tolerance ISO 406 ISO 1001	projection	product family HPC
lfr	ecr no	dr	date	INCH/MM	title 4 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN
S				scale 1:1	dwg no 50003
					sheet 4 of 4 size A3
					type Product Customer Drawing
sheet index	revision sheet				

PDM: Rev:S STATUS: Released Printed: May 13, 2011