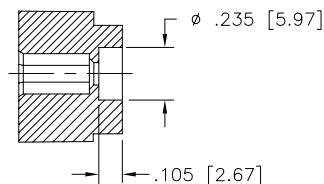
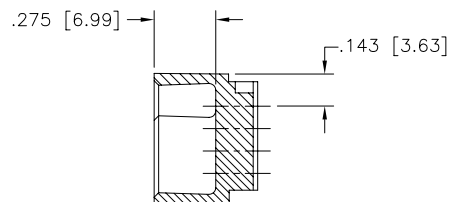
form: A3

1 2 3 4 5 6

PRODUCT NUMBER
SEE NOTE 1



SECTION U-U



SECTION X-X

NOTES:

① PRODUCT NUMBERING CODE:

50431-X YYY X LF
LEAD FREE (OPTIONAL)
ALWAYS "X"
NO. OF POSITIONS (SEE NOTE 2)
ALWAYS "X"
BASE NUMBER

SEE SHEET 3 FOR 50431-XX001 OR 50431-XX001LF.
SEE SHEET 4 FOR 50431-XX002 OR 50431-XX002LF.

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 MATERIAL: GLASS AND MINERAL FILLED THERMOPLASTIC
FLAME RETARDANT PER UL94 V-0. COLOR: BLACK

④ MANUFACTURE'S NAME, P/N, AND LOT CODE TO APPEAR
ON THIS SURFACE.

5. THIS SHROUD WILL WITHSTAND EXPOSURE TO 260° C PEAK
TEMPERATURE FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED OR
VAPOR PHASE REFLOW OVEN.

⑥ DIMENSION APPLIES TO HOLES AT END COLUMNS OF EACH PIN FIELD.

⑦ THIS PRODUCT (WITH "LF" SUFFIX) MEETS EUROPEAN UNION DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

⑧ LENGTH FORMULAS

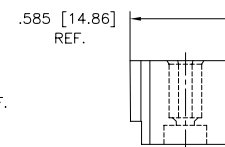
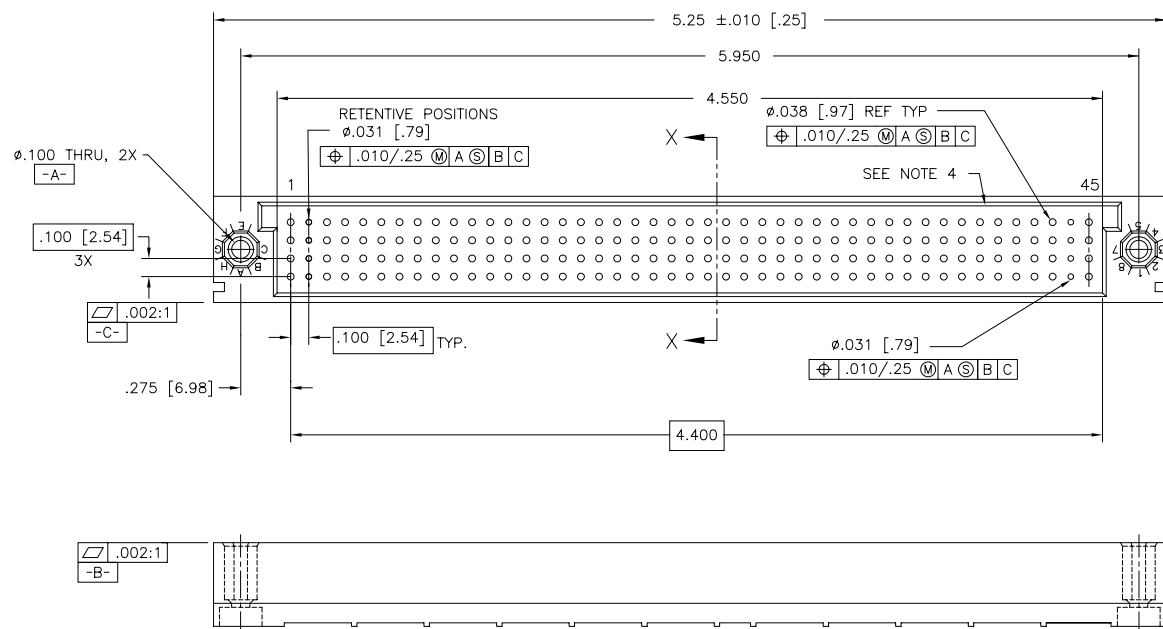
DIM A = .100/2.54 x NO. OF COLUMNS + .75/19.1
DIM B = .100/2.54 x NO. OF COLUMNS + .450/11.43
DIM C = .100/2.54 x NO. OF COLUMNS - .100/2.54
DIM D = .100/2.54 x NO. OF COLUMNS + .050/1.27

mat'l. code NOTE 3				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC
ltr	ecr	no	dr	date	tolerances unless otherwise specified	scale 1:1 FCJ	title
L					angles linear .XX±.01/.3		VERTICAL SHROUD-RETENTIVE
					0'±2' .xxx±.005/.13		4 ROW W/O GUIDE PINS
					.xxx±.0020/.05		dwg no sheet2 of 4 size
				dr	D.SHEAFFER 8/7/91		50431 A3
				enr	S.CLARK 10/23/91		
				chr	S.CLARK 10/23/91		
				appd	S.CLARK 10/23/91		
sheet index	revision sheet						type Product Customer Drawing

form: A3

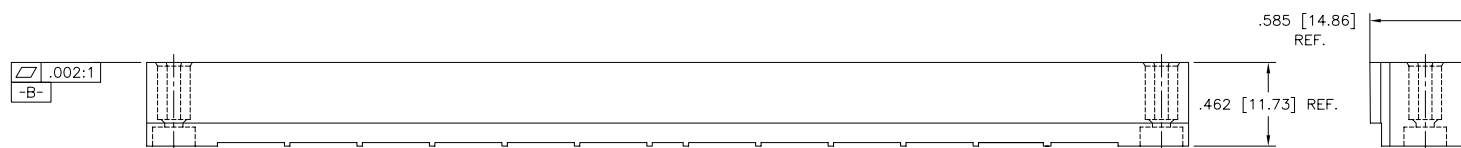
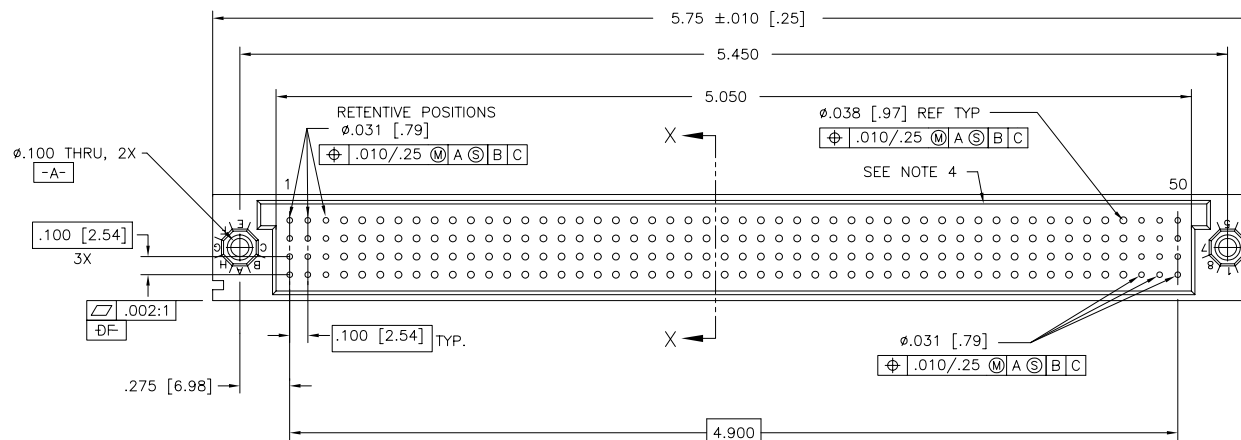
1 2 3 4 5 6

PRODUCT NUMBER	DESCRIPTION	NOTES
50431-XX001	180 POSITION CUSTOM PLACED RETENTION COLUMNS	-
50431-XX001LF	SAME AS 50431-XX001	SEE NOTE 7



mat'l. code NOTE 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HPC			
ltr ecn no dr date				tolerances unless otherwise specified						title			
L				angles		linear .XX±.01/.3		INCH/MM		VERTICAL SHROUD-RETENTIVE			
				0°±2'		.XXX±.005/.13				4 ROW W/O GUIDE PINS			
						.XXX±.0020/.05		scale 1:1		dwg no sheet 3 of 4 size			
				dr D.SHEAFFER		8/7/91				50431 A3			
				enrg S.CLARK		10/23/91							
				chr S.CLARK		10/23/91							
				appd S.CLARK		10/23/91				type Product Customer Drawing			
sheet index		revision sheet											

PRODUCT NUMBER	DESCRIPTION	NOTES
50431-XX002	200 POSITION CUSTOM PLACED RETENTION COLUMNS	-
50431-XX002LF	SAME AS 50431-XX002	SEE NOTE 7

[illegible]