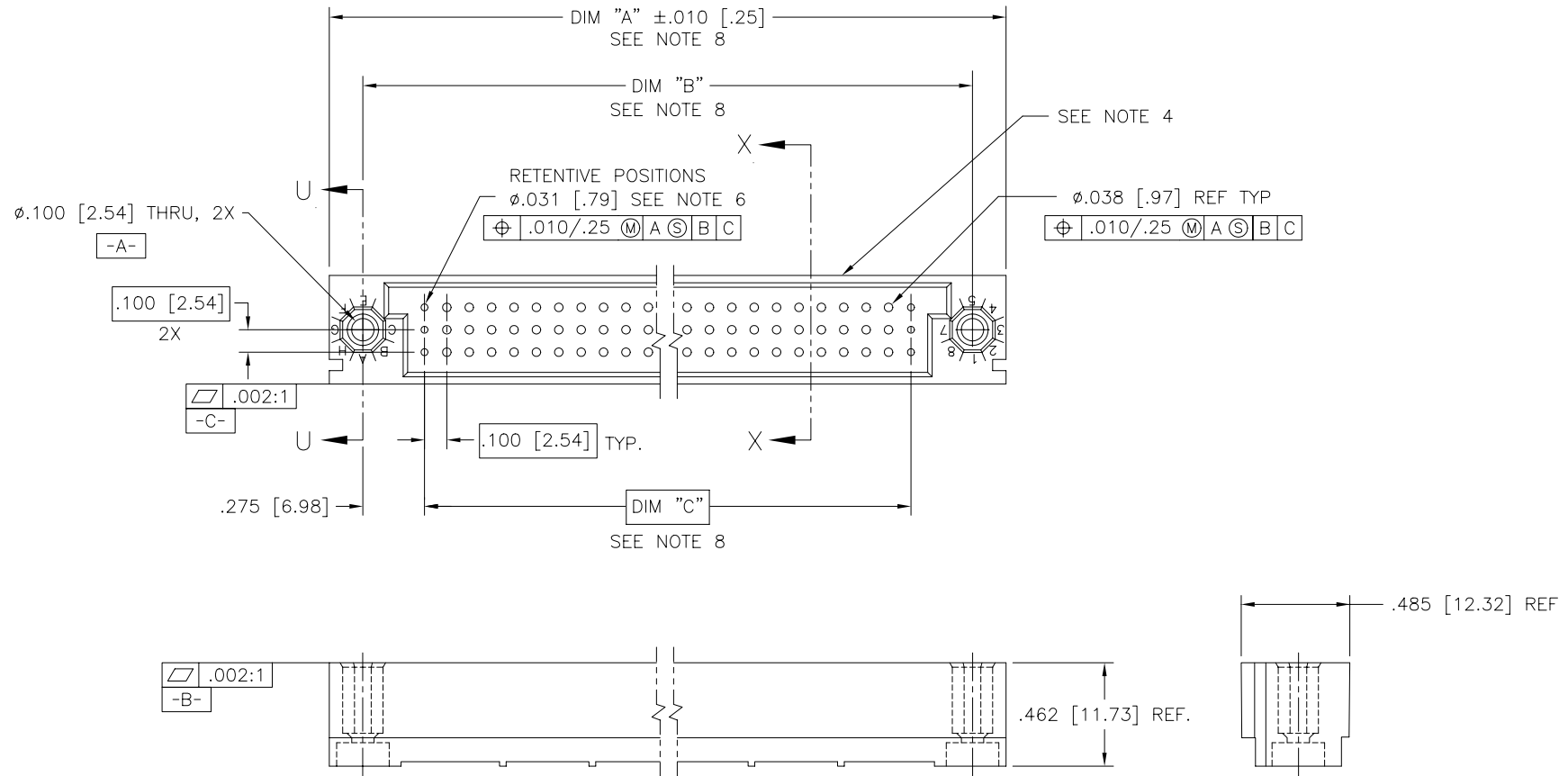




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PRODUCT NO.
SEE NOTE 1



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								
G	V10135	LSS		1/11/01	angles	linear	.XX ±.01/.3		INCH/MM	title VERTICAL SHROUD-RETENTIVE 3 ROW W/O GUIDE PINS			
H	V20188	MEM		2/14/02			.XXX ±.005/.13						
J	V20333	MEM		2/14/02			.XXXX ±.0020/.051						
K	V21752	TAB	11/12/02	dr	D. SHEAFFER	8/07/91		scale 1:1		dwg no		sheet 1 of 5 size	
L	V03-0409	MEM	4/11/03	enr	S. CLARK	10/23/91				50428		A3	
M	V05-0699	DAI	8/19/05	chr	S. CLARK	10/23/91							
N	M06-0255	AEA	7/07/06	appd	S. CLARK	10/23/91							
sheet	revision	N	N	N	N	N	N				type	Product	Customer
index	sheet	1	2	3	4	5				Drawing			

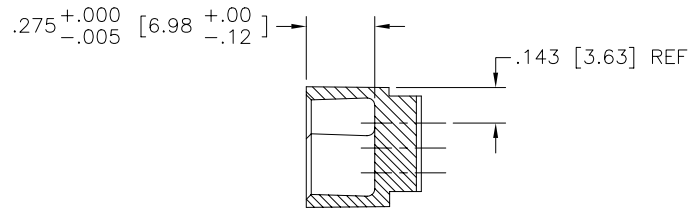
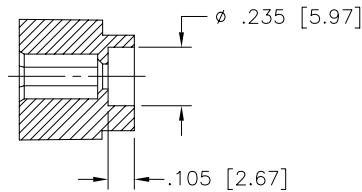
form: A3

NOTES:

1. PRODUCT NUMBERING CODE:
- | | | | | |
|---------|-----|---|----|---------------------------------|
| 50428-X | YYY | X | LF | |
| | | | | LEAD FREE (OPTIONAL) SEE NOTE 7 |
| | | | | ALWAYS "X" |
| | | | | NO. OF POSITIONS (SEE NOTE 2) |
| | | | | ALWAYS "X" |
| | | | | BASE NUMBER |

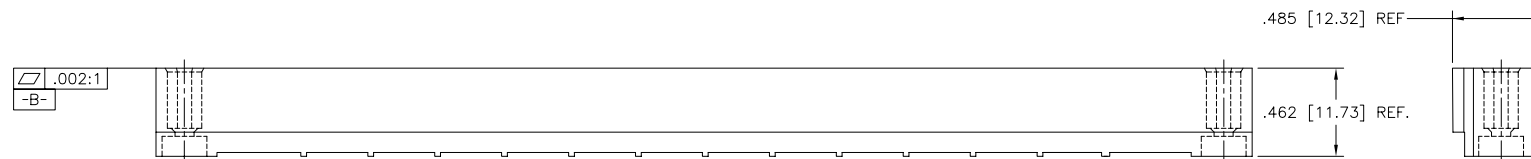
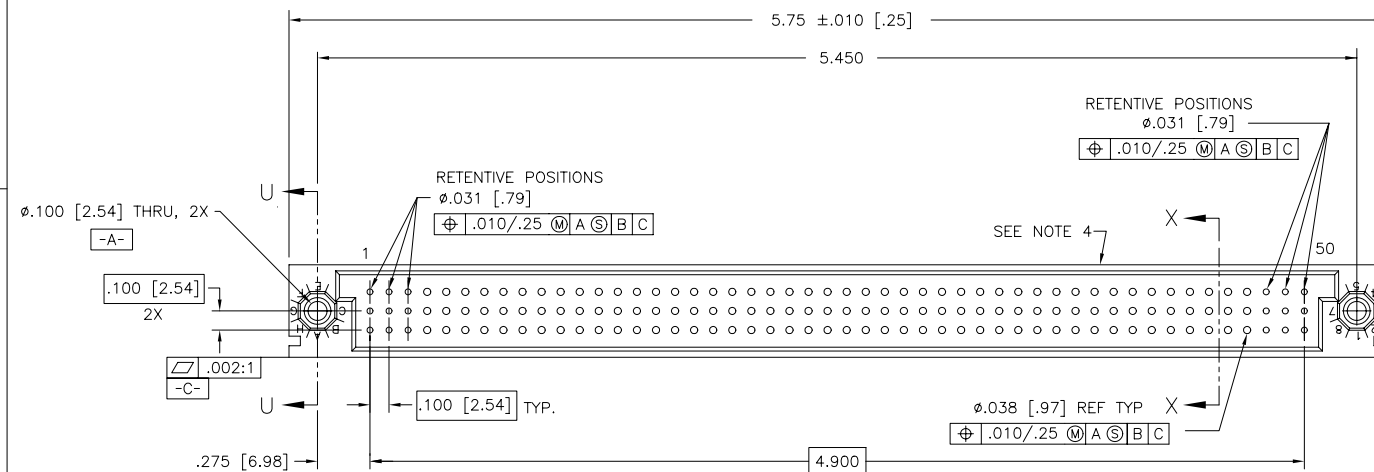
SEE SHEET 3 FOR P/N 50428-XX001 OR 50428-XX001LF
SEE SHEET 4 FOR P/N 50428-XX002 OR 50428-XX002LF
SEE SHEET 5 FOR P/N 50428-XX003 OR 50428-XX003LF

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. MANFACUTRE'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 END COLUMN HOLES AT BOTH ENDS.
7. THIS PRODUCT (WITH "LF" SUFFIX) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
8. LENGTH FORMULAS
$$\text{DIM A} = .100/2.54 \times \text{NO. OF COLUMNS} + .75/19.1$$
$$\text{DIM B} = .100/2.54 \times \text{NO. OF COLUMNS} + .450/11.43$$
$$\text{DIM C} = .100/2.54 \times \text{NO. OF COLUMNS} - .100/2.54$$



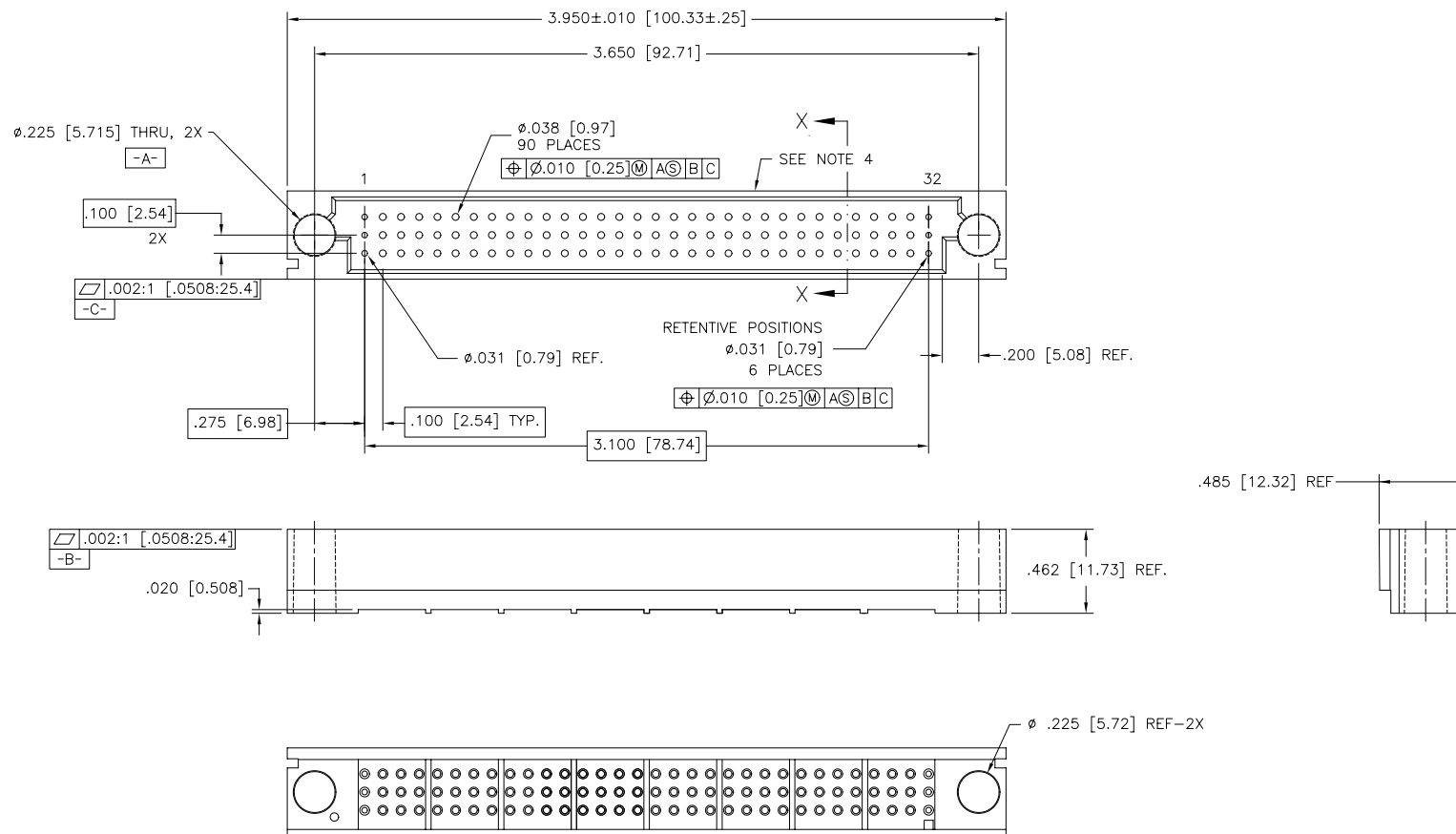
mat'l. code				surface		tolerance		projection		product family							
-				ISO 1302 ✓		ISO 406				HPC							
itr		ecn no		dr		date		tolerances unless otherwise specified									
N								 INCH/MM scale 1:1		title VERTICAL SHROUD—RETENTIVE 3 ROW W/O GUIDE PINS							
						0'±2"											
				dr		D. SHEAFFER		8/07/91				dwg no		sheet2 of 5		size	
				engr		S. CLARK		10/23/91				50428		A3			
				chr		S. CLARK		10/23/91				type Product Customer Drawing					
				appd		S. CLARK		10/23/91									
sheet index		revision sheet															

PRODUCT NUMBER	DESCRIPTION	NOTE
50428-XX001	150 POSITION EXTRA RETENTIVE SHROUD	SEE NOTE 1
50428-XX001LF	SAME AS 50428-XX001	SEE NOTE 7

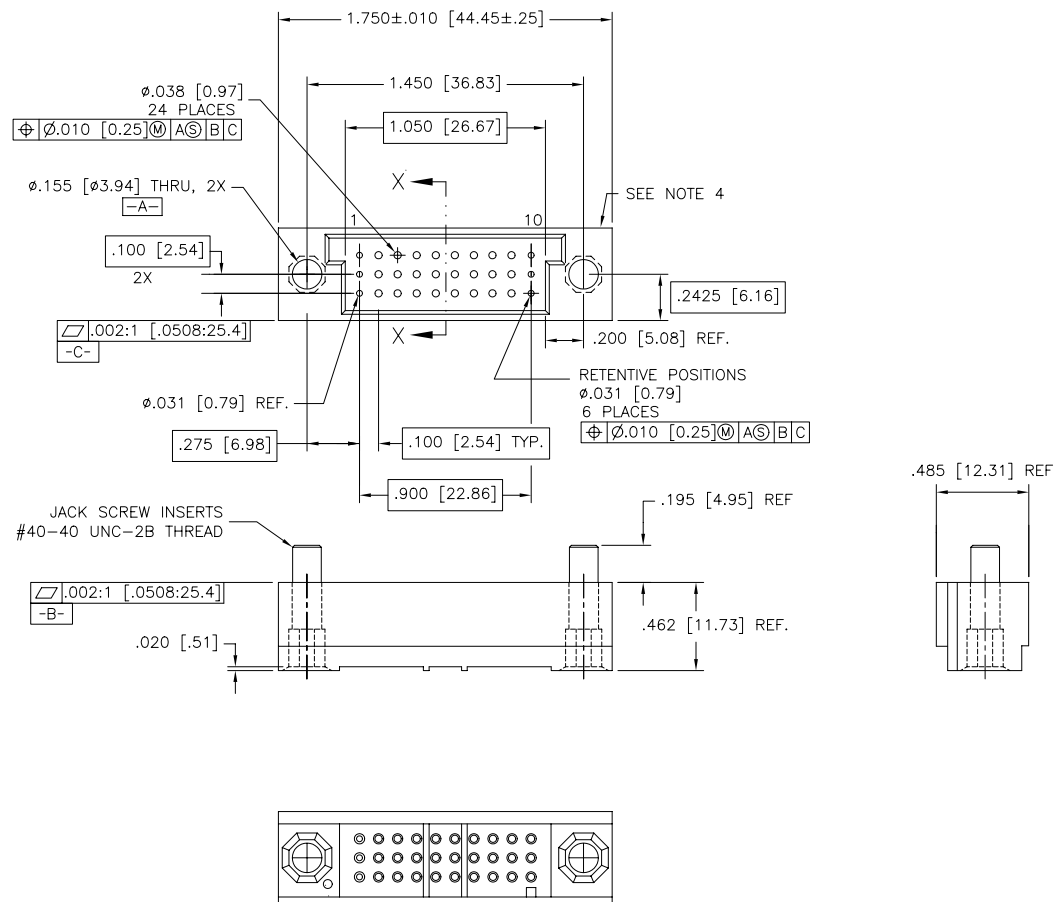


mat'l. code NOTE 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HPC			
ltr ecn no dr date				tolerances unless otherwise specified						title			
N				angles		linear		INCH/MM 		VERTICAL SHROUD—RETENTIVE 3 ROW W/O GUIDE PINS			
						.XX ±.01/.3							
						.XXX ±.005/.13							
				σ±2'		.XXXX ±.0020/.051		scale 1:1					
				dr		L. SANDERS		1/11/01		dwg no			
				engr		M. GRAY		1/11/01		sheet 3 of 5			
				chr		M. GRAY		1/11/01		50428			
				appd		M. GRAY		1/11/01		A3			
										type Product Customer Drawing			
sheet index		revision sheet											

PRODUCT NUMBER	DESCRIPTION	NOTE
50428-XX002	96 POSITION SPECIAL SHROUD	SEE NOTE 1
50428-XX002LF	SAME AS 50428-XX002	SEE NOTE 7

[illegible]

PRODUCT NUMBER	DESCRIPTION	NOTES
50428-XX003	30 POSITION SPECIAL SHROUD W/ JACK SCREW INSERTS	SEE NOTE 1
50428-XX003LF	SAME AS 50428-XX003	SEE NOTE 7



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mat'l. code	surface	tolerance	projection	product family
-	ISO 1302 ✓	ISO 406	INCH/MM	HPC
ltr	ecn	no	dr	date
N				
	angles	linear	scale 1:1	title
	0°±2°	.XX ±.01/.3		VERTICAL SHROUD-RETENTIVE
		.XXX ±.005/.13		3 ROW W/O GUIDE PINS
		.XXXX ±.0020/.051		dwg no
dr	T.BRUNGARD	11/12/02		sheet 5 of 5 size
enr	M. MOSTOLLER	11/12/02		50428 A3
chr	M. MOSTOLLER	11/12/02		type
app	M. MOSTOLLER	11/12/02		Product Customer Drawing
sheet	revision			
index	sheet			