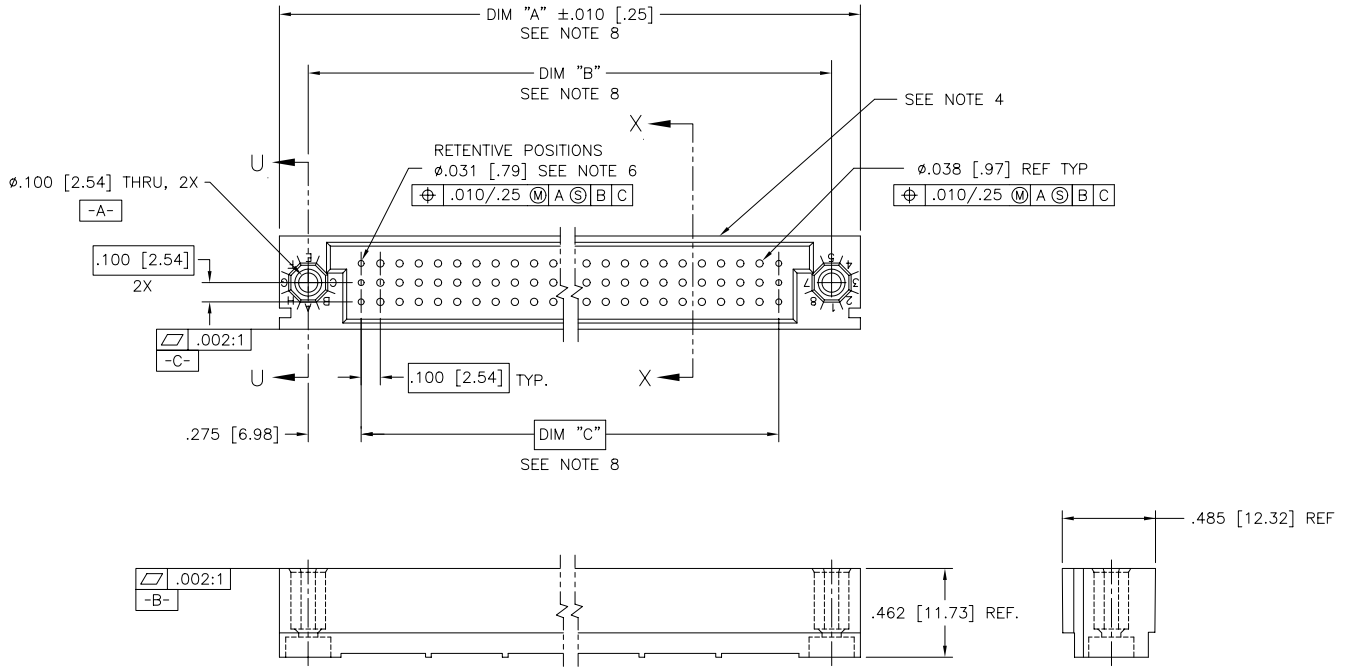


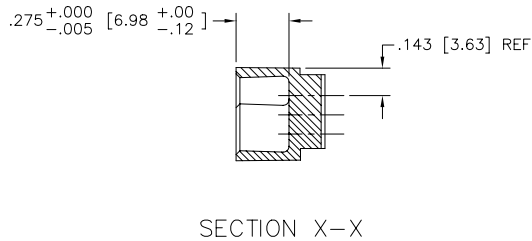
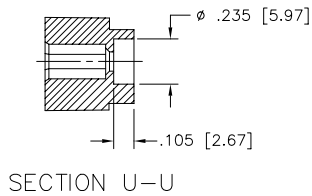
PRODUCT NO.
SEE NOTE 1



mat'l. code		surface		tolerance		projection		product family	
NOTE 3		ISO 1302		ISO 406		ISO 1101		HPC	
ltr	ecr	no	dr	tolerances unless otherwise specified		INCH/MM		title	
G	v10135	LSS	1/11/01	angles	linear	.XX ±.01/3		VERTICAL SHROUD-RETENTIVE	
H	v20188	MEM	2/14/02	σ±		.XXX ±.005/13		3 ROW W/O GUIDE PINS	
J	v20333	MEM	2/14/02	σ±		.XXXX ±.0020/051		scale 1:1	
K	v21752	TAB	11/12/02	dr	D. SHEAFFER	8/07/91		sheet 1 of 5 size	
L	v03-0409	MEM	4/11/03	engr	S. CLARK	10/23/91		50428 A3	
M	v05-0699	DAI	8/19/05	chr	S. CLARK	10/23/91		type Product Customer Drawing	
N	M06-0255	AEA	7/07/06	appd	S. CLARK	10/23/91			
sheet	revision	N	N	N	N	N			
index	sheet	1	2	3	4	5			

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

PRODUCT NUMBER
SEE NOTE 1

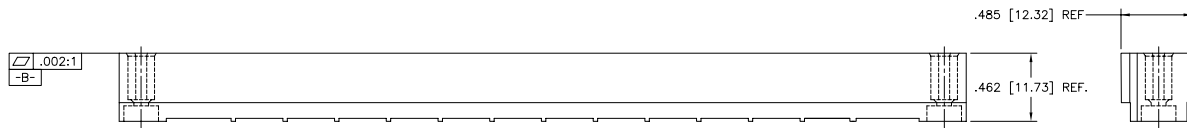
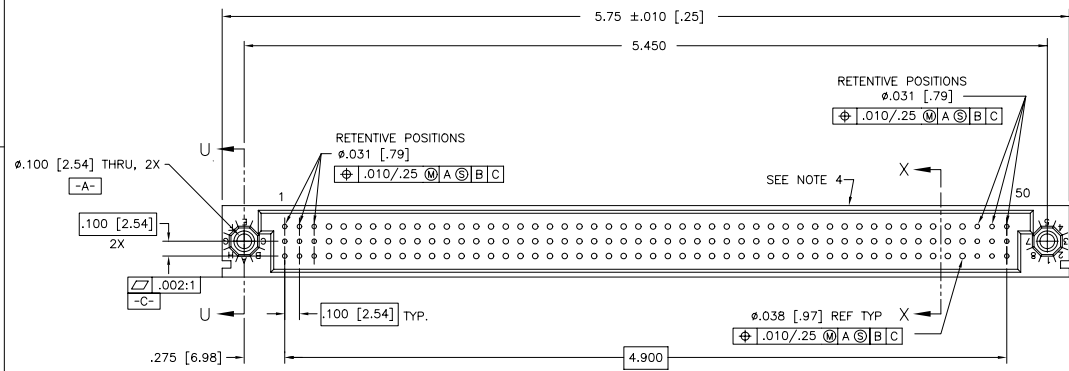


NOTES:

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
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. MANFACTURE'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
 DIM A = $.100/2.54 \times \text{NO. OF COLUMNS} + .75/19.1$
 DIM B = $.100/2.54 \times \text{NO. OF COLUMNS} + .450/11.43$
 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		$.XX \pm 01/3$ $.XXX \pm 005/13$ $.XXXX \pm 0020/051$				title	
N		angles linear				INCH/MM		VERTICAL SHROUD-RETENTIVE 3 ROW W/O GUIDE PINS	
		dr D. SHEAFFER 8/07/91				scale 1:1		dwg no 50428 sheet 2 of 5 size A3	
		enrg S. CLARK 10/23/91						type Product Customer Drawing	
		chr S. CLARK 10/23/91							
		appd S. CLARK 10/23/91							
sheet index	revision sheet								

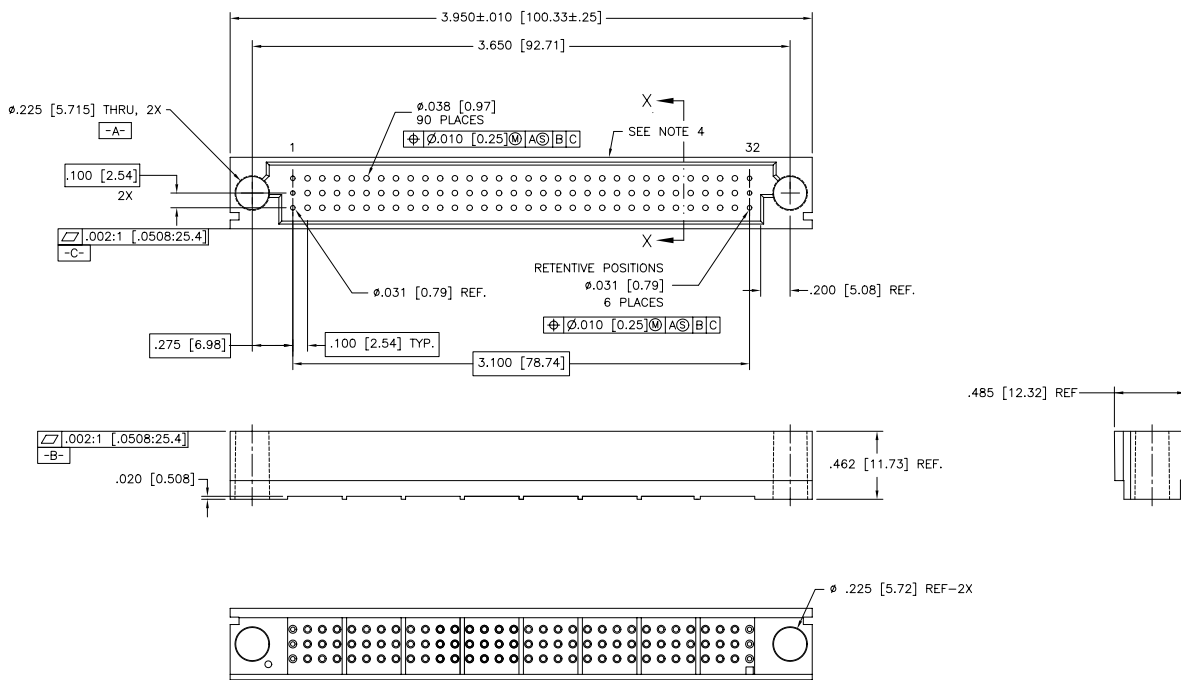
PRODUCT NUMBER	DESCRIPTION	NOTE
50428-XX001	150 POSITION EXTRA RETENTIVE SHROUD	SEE NOTE 1
50428-XX001LF	SAME AS 50428-XX001	SEE NOTE 7



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

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

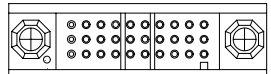
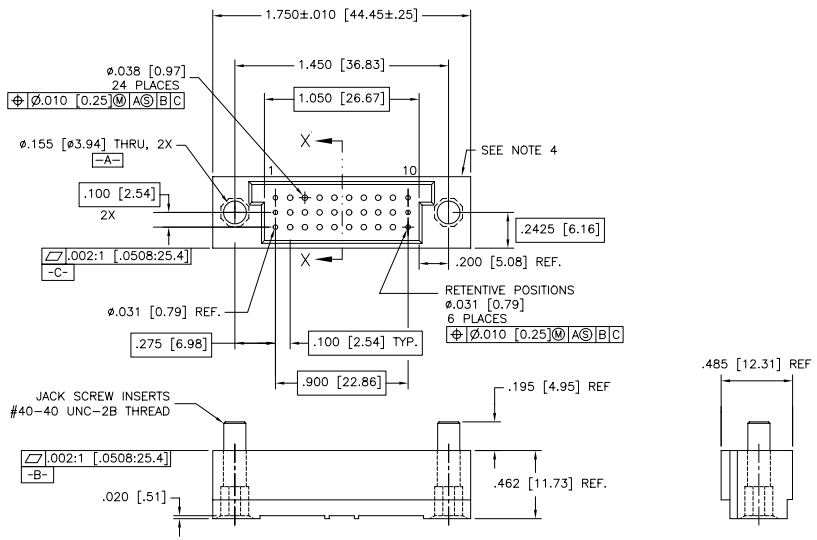
PRODUCT NUMBER	DESCRIPTION	NOTE
50428-XX002	96 POSITION SPECIAL SHROUD	SEE NOTE 1
50428-XX002LF	SAME AS 50428-XX002	SEE NOTE 7



mat'l. code	surface	tolerance	projection	product family
-	ISO 1302	ISO 406	1	HPC
ISO 1101	tolerances unless otherwise specified	XX ± 0.1/3	INCH/MM	title
angles	linear	.XXX ± .005/13	scale 1:1	VERTICAL SHROUD-RETENTIVE
σ±2		XXXX ± .0020/.051	FCJ	3 ROW W/O GUIDE PINS
dr	M. MOSTOLLER	1/24/02		dwg no
engr	M. MOSTOLLER	1/24/02		50428
chr	J. ALLISON	1/24/02		sheet 4 of 5 size
app	M. MOSTOLLER	1/24/02		A3
sheet index	revision sheet			type
				Product Customer Drawing

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

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



CONFIDENTIAL

mat'l. code	surface	tolerance	projection	product family
-	ISO 1302	ISO 406		HPC
ltr ecn no dr date	tolerances unless otherwise specified		INCH/MM	title
N	angles	linear	scale 1:1	VERTICAL SHROUD-RETENTIVE 3 ROW W/O GUIDE PINS
				dwg no 50428 sheet 5 of 5 size A3
	dr T.BRUNGARD 11/12/02	enr M. MOSTOLLER 11/12/02	type Product Customer Drawing	
sheet index	revision sheet	app M. MOSTOLLER 11/12/02		

PDM: Rev:N STATUS: **Released** Printed: May 13, 2011