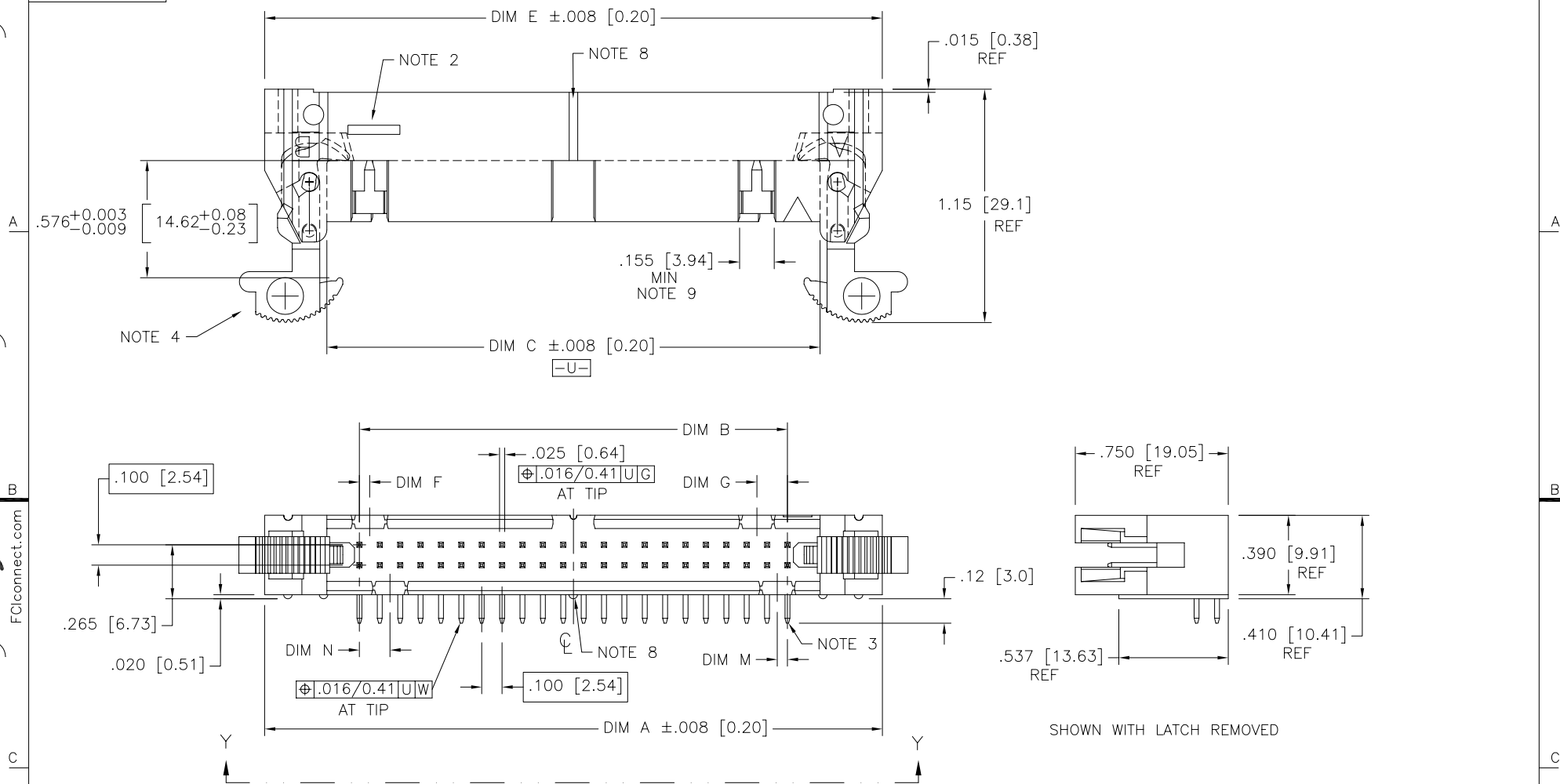




FCIconnect.com

Copyright FCI

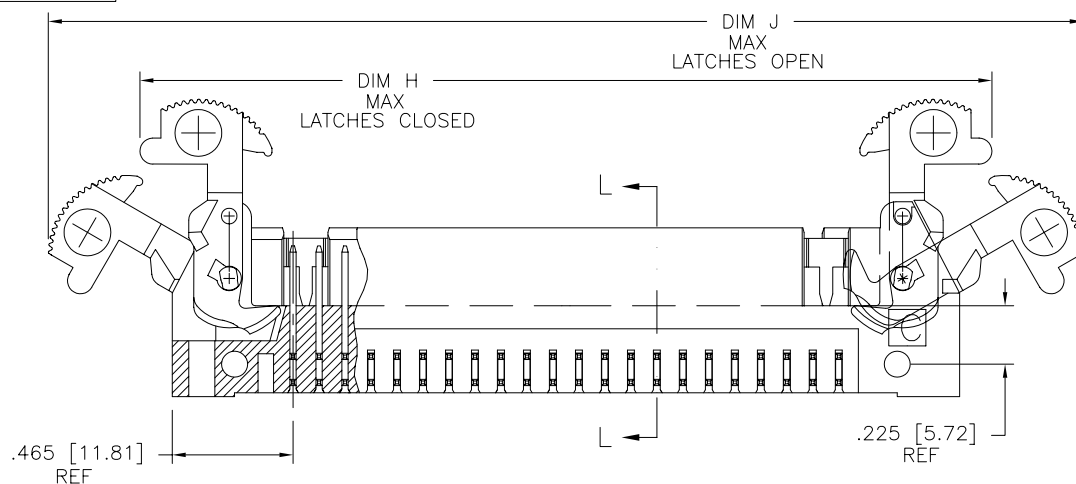
PRODUCT NUMBER
SEE TABLE



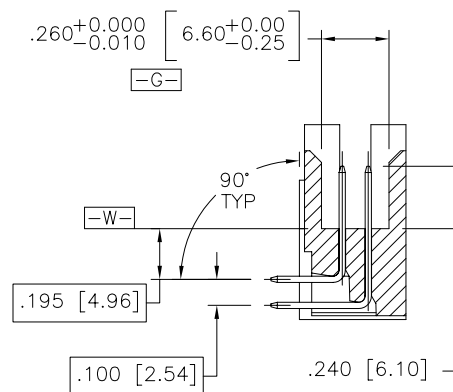
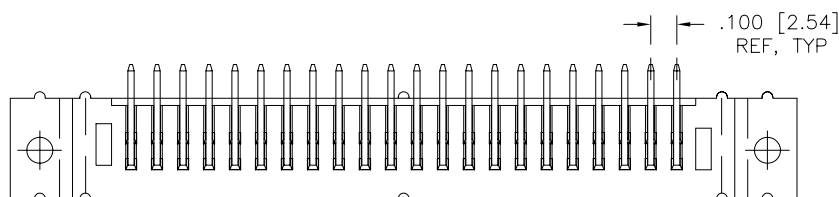
mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406 ISO 1101		HEADER			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM scale 1.5:1	title			
E	V12084	MRC	7/31/92	angles	linear		MULTI-KEY R/A HEADER			
F	V22085	JWB	4/27/92				ASSEMBLY MILITARY KEY			
G	C80089	EPK	2/5/99	0°±2°			dwg no			
H	M05-0204	ERE	11/12/05	dr	D. WHITING	7/19/90	sheet 1 of 4 size			
J	M07-0116	AGS	2/25/07	enr	M. LEACH	1/14/91	89572			
				chr	M. LEACH	10/11/90	A3			
				appd	M. LEACH	1/14/91	type Product Customer Drawing			
sheet index	revision	J	J	J	J					
	sheet	1	2	3	4					

form: A3

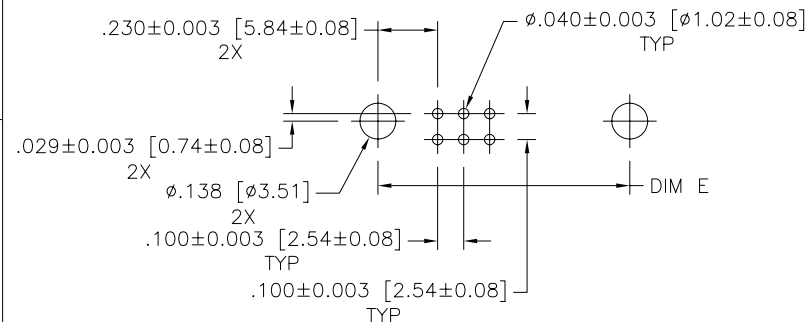
PRODUCT NUMBER
SEE TABLE



VIEW Y-Y



SECTION L-L

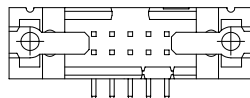


RECOMMENDED HOLE PATTERN

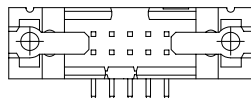
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HEADER
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
J					angles .XX±.01/.3	INCH/MM	MULTI-KEY R/A HEADER
					linear .XXX±.005/.13	scale 1.5:1	ASSEMBLY MILITARY KEY
					0°±2'		
			dr	D. WHITING	7/19/90	FCI	dwg no
			enr	M. LEACH	1/14/91		sheet 2 of 4
			chr	M. LEACH	10/11/90		size
			appd	M. LEACH	1/14/91		A3
sheet index	revision sheet						type Product Customer Drawing

PRODUCT NUMBER
SEE TABLE

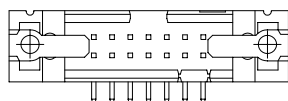
HEADER STYLES - KEY ARRANGEMENTS



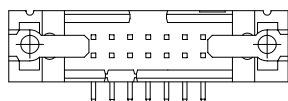
2X5
TOP VIEW
STYLE A



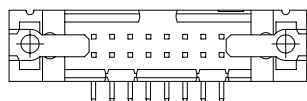
2X5
TOP VIEW
STYLE B



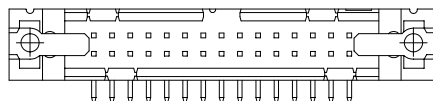
2X7
TOP VIEW
STYLE A



2X7
TOP VIEW
STYLE B



2 X 8 THRU 2 X 11



2 X 13 THRU 2 X 30

NOTES:

1. MOLDING MATERIAL : LCP
FLAME RETARDANT PER UL 94V-0
COLOR : SEE TABULATION - SHEET 4
2. MOLDED IN LOGO
LOCATED ON THIS SURFACE.
3. MATERIAL : PHOS BRONZE
SEE P/N KEY FOR PLATING.
4. 2 LATCHES-P/N 90366-001 SUPPLIED
ASSEMBLED TO HEADER.
5. AVAILABLE ONLY IN CONFIGURATIONS
LISTED IN P/N TABLE AND SHOWN AT LEFT.
6. 2 SCREWS, 77521-004, SUPPLIED FOR ASSEMBLY.
7. KEY REMOVAL INFORMATION - SEE TA-922.
8. CENTER STANDOFF AND RAD. SLOT NOT MOLDED
ON 2X5, 2X7 AND 2X8
9. MIN DIA AFTER KEY REMOVAL.
10. ADD "LF" SUFFIX AT THE END OF PART NUMBER
FOR LEAD FREE OPTION.
11. THESE PRODUCTS MEET EUROPEAN UNION
DIRECTIVES AND OTHER COUNTRY REGULATIONS AS
DESCRIBED IN GS-22-008.
12. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C
PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE
SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK
CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES
IF THEY ARE AVAILABLE.

91254 89572	-X XX X X LF	LEAD FREE OPTION NOTE 10
BASE PART NO.		
HEADER STYLE- NOTE 6		
Ø NOT APPLICABLE		
A STYLE A		
B STYLE B		
NO. POSITIONS - EX: 2X13=26		
PLATING		TERMINAL TYPE & P/N
		1 STD. SQ. PIN
		TERMINAL A TERMINAL B
		SMAS MASS INS. SMAS MASS INS.
7	30u"/0.76u GOLD CONTACT 20-400u"/0.51-10.16u Sn TAIL	94523 -A231ALF 94523 -A219ALF

mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection INCH/MM		product family HEADER	
ltr		ecn no dr		date		tolerances unless otherwise specified		title	
J						.XX±.01/.3		MULTI-KEY R/A HEADER	
						linear .XXX±.005/.13		ASSEMBLY MILITARY KEY	
						.XXXX±.0020/.051		scale 1.5:1	
				dr D. WHITING 7/19/90				dwg no sheet 3 of 4 size	
				enr M. LEACH 1/14/91				89572 A3	
				chr M. LEACH 10/11/90				type Product Customer Drawing	
				appd M. LEACH 1/14/91					
sheet index		revision sheet							

1

2 3

4

5

6

COLOR : NATURAL

PRODUCT NO.	SIZE	DIM A	DIM B	DIM C	DIM E	DIM F	DIM G	DIM M	DIM N	DIM H	DIM J	LEAD FREE OPTION
89572-X10AX	2x5	1.330/33.78	.400/10.16	.720/18.29	.860/21.84	N/A	N/A	.050/1.27	N/A	1.600/40.64	2.306/58.57	NOTE 10, 11
-X10BX	2x5	1.330/33.78	.400/10.16	.720/18.29	.860/21.84			N/A	.150/3.81	1.600/40.64	2.306/58.57	
-X14AX	2x7	1.530/38.86	.600/15.24	.920/23.37	1.060/26.92			.050/1.27	N/A	1.800/45.72	2.506/63.65	
-X14BX	2x7	1.530/38.86	.600/15.24	.920/23.37	1.060/26.92			N/A	.150/3.81	1.800/45.72	2.506/63.65	
-X160X	2x8	1.630/41.40	.700/17.78	1.020/25.91	1.160/29.46			.050/1.27		1.900/48.26	2.606/66.19	
-X200X	2x10	1.830/46.48	.900/22.86	1.220/30.99	1.360/34.54					2.100/53.34	2.806/71.27	
-X220X	2x11	1.930/49.02	1.000/25.40	1.320/33.53	1.460/37.08	N/A	N/A			2.200/55.88	2.906/73.81	
-X260X	2x13	2.130/54.10	1.200/30.48	1.520/38.61	1.660/42.16	.050/1.27	.150/3.81			2.400/60.96	3.106/78.89	
-X300X	2x15	2.330/59.18	1.400/35.56	1.720/43.69	1.860/47.24					2.600/66.04	3.308/83.97	
-X340X	2x17	2.530/64.26	1.600/40.64	1.920/48.77	2.060/52.32					2.800/71.12	3.506/89.05	
-X400X	2x20	2.830/71.88	1.900/48.26	2.220/56.39	2.360/59.94					3.100/78.74	3.806/96.67	
-X440X	2X22	3.030/76.96	2.100/53.34	2.420/61.47	2.560/65.02					3.300/83.82	4.006/101.75	
-X500X	2X25	3.330/84.58	2.400/60.96	2.720/69.09	2.860/72.64					3.600/91.44	4.306/109.37	
89572-X600X	2X30	3.830/97.28	2.900/73.66	3.220/81.79	3.360/85.34	.050/1.27	.150/3.81	.050/1.27	.150/3.81	4.100/91.44	4.806/122.07	NOTE 10, 11

COLOR : BLACK

PRODUCT NO.	SIZE	DIM A	DIM B	DIM C	DIM E	DIM F	DIM G	DIM M	DIM N	DIM H	DIM J	LEAD FREE OPTION
91254-X10AX	2x5	1.330/33.78	.400/10.16	.720/18.29	.860/21.84	N/A	N/A	.050/1.27	N/A	1.600/40.64	2.306/58.57	NOTE 10, 11
-X10BX	2x5	1.330/33.78	.400/10.16	.720/18.29	.860/21.84			N/A	.150/3.81	1.600/40.64	2.306/58.57	
-X14AX	2x7	1.530/38.86	.600/15.24	.920/23.37	1.060/26.92			.050/1.27	N/A	1.800/45.72	2.506/63.65	
-X14BX	2x7	1.530/38.86	.600/15.24	.920/23.37	1.060/26.92			N/A	.150/3.81	1.800/45.72	2.506/63.65	
-X160X	2x8	1.630/41.40	.700/17.78	1.020/25.91	1.160/29.46			.050/1.27		1.900/48.26	2.606/66.19	
-X200X	2x10	1.830/46.48	.900/22.86	1.220/30.99	1.360/34.54					2.100/53.34	2.806/71.27	
-X220X	2x11	1.930/49.02	1.000/25.40	1.320/33.53	1.460/37.08	N/A	N/A			2.200/55.88	2.906/73.81	
-X260X	2x13	2.130/54.10	1.200/30.48	1.520/38.61	1.660/42.16	.050/1.27	.150/3.81			2.400/60.96	3.106/78.89	
-X300X	2x15	2.330/59.18	1.400/35.56	1.720/43.69	1.860/47.24					2.600/66.04	3.308/83.97	
-X340X	2x17	2.530/64.26	1.600/40.64	1.920/48.77	2.060/52.32					2.800/71.12	3.506/89.05	
-X400X	2x20	2.830/71.88	1.900/48.26	2.220/56.39	2.360/59.94					3.100/78.74	3.806/96.67	
-X440X	2X22	3.030/76.96	2.100/53.34	2.420/61.47	2.560/65.02					3.300/83.82	4.006/101.75	
-X500X	2X25	3.330/84.58	2.400/60.96	2.720/69.09	2.860/72.64					3.600/91.44	4.306/109.37	
91254-X600X	2X30	3.830/97.28	2.900/73.66	3.220/81.79	3.360/85.34	.050/1.27	.150/3.81	.050/1.27	.150/3.81	4.100/91.44	4.806/122.07	NOTE 10, 11



FCIconnect.com

Copyright FCI

mat'l. code					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HEADER					
ltr	ecn	no	dr	date	tolerances unless otherwise specified							title				
J					angles	linear	.XX±.01/.3 .xxx±.005/.13 .xxx±.0020/.051		INCH/MM		MULTI-KEY R/A HEADER ASSEMBLY MILITARY KEY					
					0°±2'				scale 1.5:1		FCI dwg no 89572 type Product Customer Drawing sheet 4 of 4 size A3					
					dr	D. WHITING	7/19/90									
					enrg	M. LEACH	1/14/91									
					chr	M. LEACH	10/11/90									
					appd	M. LEACH	1/14/91									
sheet index		revision sheet														

form: A3

1

2

3

4

5

6