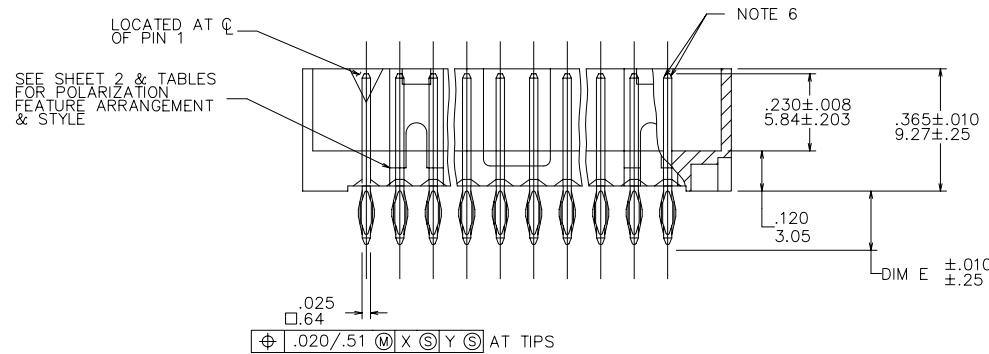
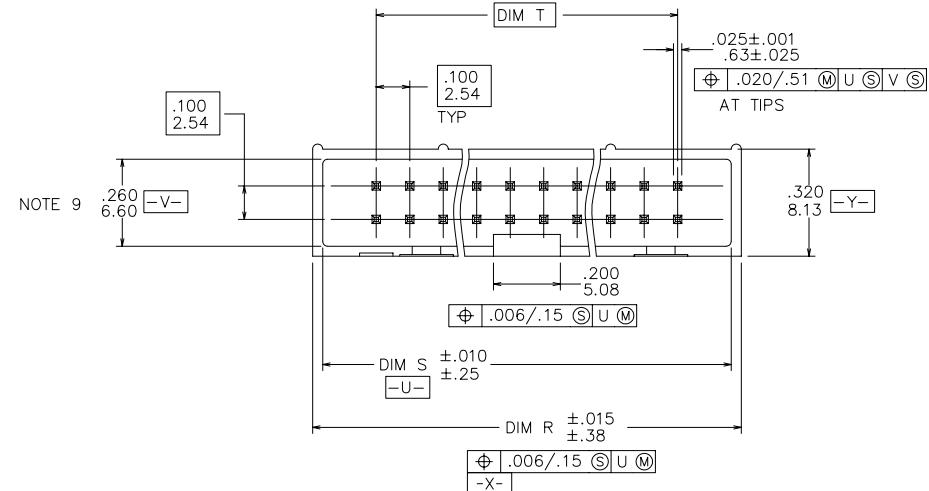


PRODUCT NUMBER
SEE TABLE



mat'l. code		surface		tolerance	projection	product family	
ltr	ecn no	dr	date	ISO 1302	ISO 406	ISO 1101	title
E	V61462	MDF	10/14/96		XX±.01/XX±.03		PRESS FIT HEADER ASS'Y
F	V61785	SAR	12/13/96		XX±.005/XX±.013		SLIM LINE 4 WALL
G	V61745	MDF	1/23/97	0°±2°	XXX±.002/XXX±.005		
H	V20526	RGD	3/18/02	dr.	M. CLUSER	8/27/87	
J	M05-0099	MHT	5/24/05	engr.	B. TROSTLE	8/27/87	
K	M07-0116	AGS	2/24/07	chr.	R. DOOTRICH	10/6/88	
L	M07-0489	MHT	11/13/07	oppd.	R. DOOTRICH	10/6/88	
sheet		revision	L	L	L	L	dwg no
index		sheet	1	2	3	4	sheet 1 of 5
							size



PRODUCT NUMBER
SEE TABLE

1

2 3

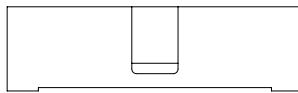
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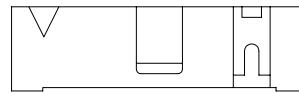
6

NOTES:

- ① MOLDING MATERIAL: 30% GLASS FILLED POLYESTER FLAME RETARDENT PER UL94V-0. COLOR-BLUE.
- ② TERMINAL MATERIAL: PHOSPHOR BRONZE.
- ③ REFER TO TA 556 FOR APPLICATION, TOOLING AND INSTRUCTIONS.
4. UNLESS OTHERWISE SPECIFIED, 1° MAX DRAFT PERMISSIBLE ON ALL SURFACES.
5. LOGO LOCATION OPTIONAL.
- ⑥ TWO NON-CRITICAL SIDES OF PIN TIP NOT PLATED TYP BOTH ENDS.
7. 3 LBS / .36 KG PIN RETENTION IN BOTH DIRECTIONS.
8. RECOMMENDED PLATED-THRU-HOLE DIMENSIONS ARE:
DRILLED HOLE: .0453/1.151±.0010/.025 DIA
COPPER PLATING THICKNESS: .001/.025 TO .003/.076
SOLDER PLATING THICKNESS: .0003/.076 TO .0007/.0178
OVERALL HOLE SIZE: .040/1.016±.003/.076 DIA
- ⑨ ON HEADERS 2 X 20 AND LARGER THE .260/6.6 DIM HAS A MINIMUM SIZE OF .240/6.1.
- ⑩ PIN PLATING-DUPLEX- 30u"/.076u Au OVER 50u"/1.27uNi ON CONTACT AREA OF PIN AND 40u"/1.02u-80u"/2.03u TIN/LEAD ON PRESS FIT AREA OF PIN.
LEAD FREE: PIN PLATING-DUPLEX- 30u"/.076u Au OVER 50u"/1.27uNi ON CONTACT AREA OF PIN AND 40u"/1.02u-80u"/2.03u PURE TIN ON PRESS FIT AREA OF PIN.
- ⑪ PART NUMBER WITH "LF" SUFFIX AT THE END ARE LEAD FREE.
12. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- ⑬ PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
14. THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS.



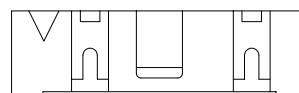
2 X 5
STYLE A



2 X 7
STYLE C



2 X 5
STYLE B



2 X 8 & LARGER
STYLE D

mat'l. code				surface		tolerance	projection	product family
				ISO 1302		ISO 406 ISO 1101		SLIM LINE
ltr	ecn no	dr	date	tolerances unless otherwise specified				title
L				angles	linear	XX±.01/X±.03 XXX±.005/XXX±.03 XXX±.002/XXX±.05	INCH/MM scale 4:1	PRESS FIT HEADER ASS'Y SLIM LINE 4 WALL
				0°±2°		dr engr chr appd	M. CLUSER 8/27/87 B. TROSTLE 8/27/87 R. DOOTRICH 10/6/88 R. DOOTRICH 10/6/88	dwg no sheet 2 of 5 size 68712 A3
						sheet index	revision sheet	type Product Customer Drawing

PRODUCT NUMBER	NO OF POS	DIM R	DIM S	DIM T	DIM E	TERMINAL PLATING NOTE 13		STYLE
68712-001LF	2 X 5	.78/19.81	.72/18.28	.400/10.16	.160/4.06	30u"/.76u Au OVER 50u"/1.27 Ni		A
-002LF					.160/4.06	30u"/.76u GXT OVER 50u"/1.27u Ni		
-003LF					.610/15.49	30u"/.76u Au OVER 50u"/1.27 Ni		
-004LF					.610/15.49	30u"/.76u GXT OVER 50u"/1.27u Ni		
-005LF					.733/18.62	30u"/.76u Au OVER 50u"/1.27 Ni		
-006LF	2 X 5	.78/19.81	.72/18.28	.400/10.16	.733/18.62	30u"/.76u GXT OVER 50u"/1.27u Ni		A
-007LF	2 X 7	.98/24.89	.92/23.37	.600/15.24	.160/4.06	30u"/.76u Au OVER 50u"/1.27 Ni		C
-008LF					.160/4.06	30u"/.76u GXT OVER 50u"/1.27u Ni		
-009LF					.610/15.49	30u"/.76u Au OVER 50u"/1.27 Ni		
-010LF					.610/15.49	30u"/.76u GXT OVER 50u"/1.27u Ni		
-011LF					.733/18.62	30u"/.76u Au OVER 50u"/1.27 Ni		
-012LF	2 X 7	.98/24.89	.92/23.37	.600/15.24	.733/18.62	30u"/.76u GXT OVER 50u"/1.27u Ni		C
-013LF	2 X 8	1.08/27.43	1.02/25.91	.700/17.78	.160/4.06	30u"/.76u Au OVER 50u"/1.27 Ni		D
-014LF					.160/4.06	30u"/.76u GXT OVER 50u"/1.27u Ni		
-015LF					.610/15.49	30u"/.76u Au OVER 50u"/1.27 Ni		
-016LF					.610/15.49	30u"/.76u GXT OVER 50u"/1.27u Ni		
-017LF					.733/18.62	30u"/.76u Au OVER 50u"/1.27 Ni		
-018LF	2 X 8	1.08/27.43	1.02/25.91	.700/17.78	.733/18.62	30u"/.76u GXT OVER 50u"/1.27u Ni		D
-019LF	2 X 10	1.28/35.51	1.22/30.99	.900/22.86	.160/4.06	30u"/.76u Au OVER 50u"/1.27 Ni		D
-020LF					.160/4.06	30u"/.76u GXT OVER 50u"/1.27u Ni		
-021LF					.610/15.49	30u"/.76u Au OVER 50u"/1.27 Ni		
-022LF					.610/15.49	30u"/.76u GXT OVER 50u"/1.27u Ni		
-023LF					.733/18.62	30u"/.76u Au OVER 50u"/1.27 Ni		
68712-024LF	2 X 10	1.28/35.51	1.22/30.99	.900/22.86	.733/18.62	30u"/.76u GXT OVER 50u"/1.27u Ni		D

mat'l. code		surface		tolerance	projection	product family
				ISO 406 ISO 1101		SLIM LINE
ltr	ecn no	dr	date	tolerances unless otherwise specified		title
L				angles	XX±.01/X±.03	PRESS FIT HEADER ASS'Y
				linear	XX±.005/XX±.013	SLIM LINE 4 WALL
				0°±2°	XX±.002/XX±.005	
				dr	M. CLUSER 8/27/87	
				engr	B. TROSTLE 8/27/87	
				chr	R. DOUTRICH 10/6/88	
				appd	R. DOUTRICH 10/6/88	
				sheet	revision	
				index	sheet	

1		2 3			4		5		6		
PRODUCT NUMBER	NO OF POS	DIM R	DIM S	DIM T	DIM E	TERMINAL PLATING NOTE 13			STYLE		
68712-025LF	2 X 12	1.48/37.59	1.42/36.07	1.100/27.94	.160/4.06	30u"/.76u Au OVER 50u"/1.27 Ni			D		
	-026LF				.160/4.06	30u"/.76u GXT OVER 50u"/1.27u Ni					
	-027LF				.610/15.49	30u"/.76u Au OVER 50u"/1.27 Ni					
	-028LF				.610/15.49	30u"/.76u GXT OVER 50u"/1.27u Ni					
	-029LF				.733/18.62	30u"/.76u Au OVER 50u"/1.27 Ni					
	-030LF	2 X 12	1.48/37.59	1.42/36.07	1.100/27.94	.733/18.62	30u"/.76u GXT OVER 50u"/1.27u Ni			D	
A	-031LF	2 X 13	1.58/40.13	1.52/38.61	1.200/30.48	.160/4.06	30u"/.76u Au OVER 50u"/1.27 Ni			D	A
	-032LF				.160/4.06	30u"/.76u GXT OVER 50u"/1.27u Ni					
	-033LF				.610/15.49	30u"/.76u Au OVER 50u"/1.27 Ni					
	-034LF				.610/15.49	30u"/.76u GXT OVER 50u"/1.27u Ni					
	-035LF				.733/18.62	30u"/.76u Au OVER 50u"/1.27 Ni					
	-036LF	2 X 13	1.58/40.13	1.52/38.61	1.200/30.48	.733/18.62	30u"/.76u GXT OVER 50u"/1.27u Ni			D	
	-037LF	2 X 15	1.78/45.21	1.72/43.69	1.400/35.56	.160/4.06	30u"/.76u Au OVER 50u"/1.27 Ni			D	
B	-038LF				.160/4.06	30u"/.76u GXT OVER 50u"/1.27u Ni				B	
	-039LF				.610/15.49	30u"/.76u Au OVER 50u"/1.27 Ni					
	-040LF				.610/15.49	30u"/.76u GXT OVER 50u"/1.27u Ni					
	-041LF				.733/18.62	30u"/.76u Au OVER 50u"/1.27 Ni					
	-042LF	2 X 15	1.78/45.21	1.72/43.69	1.400/35.56	.733/18.62	30u"/.76u GXT OVER 50u"/1.27u Ni			D	
	-043LF	2 X 17	1.98/50.29	1.92/48.77	1.600/40.64	.160/4.06	30u"/.76u Au OVER 50u"/1.27 Ni			D	
	-044LF				.160/4.06	30u"/.76u GXT OVER 50u"/1.27u Ni					
	-045LF				.610/15.49	30u"/.76u Au OVER 50u"/1.27 Ni					
	-046LF				.610/15.49	30u"/.76u GXT OVER 50u"/1.27u Ni					
	-047LF				.733/18.62	30u"/.76u Au OVER 50u"/1.27 Ni					
C	68712-048LF	2 X 17	1.98/50.29	1.92/48.77	1.600/40.64	.733/18.62	30u"/.76u GXT OVER 50u"/1.27u Ni			D	C

mat'l. code		surface		tolerance	projection	product family
ISO 1302		ISO 406		ISO 1101		SLIM LINE
Itr	ecn no	dr	date	tolerances unless otherwise specified		
L				angles	linear	
				XX±0.01/X±0.3	XX±0.05/X±0.13	
				0°±2°	XXXX±0.020/XXXX±0.051	
				dr	M. CLUSER 8/27/87	
				engr	B. TROSTLE 8/27/87	
				chr	R. DOUTRICH 10/6/88	
				appd	R. DOUTRICH 10/6/88	
				sheet	revision	
				index	sheet	

FCI

Copyright FCI

title PRESS FIT HEADER ASS'Y SLIM LINE 4 WALL

dwg no sheet 4 of 5 size 68712 A3

type Product Customer Drawing

PRODUCT NUMBER	NO OF POS	DIM R	DIM S	DIM T	DIM E	TERMINAL PLATING NOTE 13		STYLE
						30u"/.76u Au OVER 50u"/1.27 Ni		
68712-049LF	2 X 20	2.28/57.91	2.22/56.39	1.900/48.26	.160/4.06	30u"/.76u Au OVER 50u"/1.27 Ni		D
-050LF					.160/4.06	30u"/.76u GXT OVER 50u"/1.27u Ni		
-051LF					.610/15.49	30u"/.76u Au OVER 50u"/1.27 Ni		
-052LF					.610/15.49	30u"/.76u GXT OVER 50u"/1.27u Ni		
-053LF					.733/18.62	30u"/.76u Au OVER 50u"/1.27 Ni		
-054LF	2 X 20	2.28/57.91	2.22/56.39	1.900/48.26	.733/18.62	30u"/.76u GXT OVER 50u"/1.27u Ni		D
-055LF	2 X 22	2.48/62.99	2.42/61.47	2.100/53.34	.160/4.06	30u"/.76u Au OVER 50u"/1.27 Ni		D
-056LF					.160/4.06	30u"/.76u GXT OVER 50u"/1.27u Ni		
-057LF					.610/15.49	30u"/.76u Au OVER 50u"/1.27 Ni		
-058LF					.610/15.49	30u"/.76u GXT OVER 50u"/1.27u Ni		
-059LF					.733/18.62	30u"/.76u Au OVER 50u"/1.27 Ni		
-060LF	2 X 22	2.48/62.99	2.42/61.47	2.100/53.34	.733/18.62	30u"/.76u GXT OVER 50u"/1.27u Ni		D
-061LF	2 X 25	2.78/70.61	2.72/69.09	2.400/60.96	.160/4.06	30u"/.76u Au OVER 50u"/1.27 Ni		D
-062LF					.160/4.06	30u"/.76u GXT OVER 50u"/1.27u Ni		
-063LF					.610/15.49	30u"/.76u Au OVER 50u"/1.27 Ni		
-064LF					.610/15.49	30u"/.76u GXT OVER 50u"/1.27u Ni		
-065LF					.733/18.62	30u"/.76u Au OVER 50u"/1.27 Ni		
-066LF	2 X 25	2.78/70.61	2.72/69.09	2.400/60.96	.733/18.62	30u"/.76u GXT OVER 50u"/1.27u Ni		D
-067LF	2 X 30	3.28/83.31	3.22/81.79	2.900/73.66	.160/4.06	30u"/.76u Au OVER 50u"/1.27 Ni		D
-068LF					.160/4.06	30u"/.76u GXT OVER 50u"/1.27u Ni		
-069LF					.610/15.49	30u"/.76u Au OVER 50u"/1.27 Ni		
-070LF					.610/15.49	30u"/.76u GXT OVER 50u"/1.27u Ni		
-071LF					.733/18.62	30u"/.76u Au OVER 50u"/1.27 Ni		
-072LF	2 X 30	3.28/83.31	3.22/81.79	2.900/73.66	.733/18.62	30u"/.76u GXT OVER 50u"/1.27u Ni		
-073LF	2 X 17	1.98/50.29	1.92/48.77	1.600/40.64	.160/4.06	50u"/1.27u Au OVER 50u"/1.27u Ni		D
-074LF	2 X 5	.78/19.81	.72/18.29	.400/10.16	.110/2.79	30u"/.76u GXT OVER 50u"/1.27u Ni		A
-075LF	2 X 10	1.28/32.51	1.22/30.99	.900/22.86	.110/2.79	30u"/.76u GXT OVER 50u"/1.27u Ni		D
-076LF	2 X 12	1.48/37.59	1.42/36.07	1.100/27.94	.110/2.79	30u"/.76u GXT OVER 50u"/1.27u Ni		D
68712-201LF	2 X 5	.78/19.81	.72/18.29	.400/10.16	.160/4.06	SEE NOTE 10		A
68712-201	2 X 5	.78/19.81	.72/18.29	.400/10.16	.160/4.06	SEE NOTE 10		A
C 68712-219LF	2 X 10	1.28/32.51	1.22/30.99	.900/22.86	.160/4.06	SEE NOTE 10		D
68712-219	2 X 10	1.28/32.51	1.22/30.99	.900/22.86	.160/4.06	SEE NOTE 10		D

mat'l. code				surface		tolerance	projection	product family
				ISO 1302		ISO 406 ISO 1101		SLIM LINE
Itr	ecn	no	dr	date	tolerances unless otherwise specified			
L					angles	XX±.01/X±.03		
					linear	XXX±.005/XXX±.03		
					0°±2°	XXX±.002/XXX±.051		
							scale 4:1	
					dr	M. CLUSER 8/27/87		
					engr	B. TROSTLE 8/27/87		
					chr	R. DOUTRICH 10/6/88		
					appd	R. DOUTRICH 10/6/88		
					sheet			
					revision			
					index			

form: A3

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