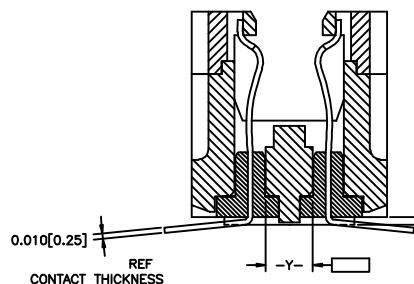
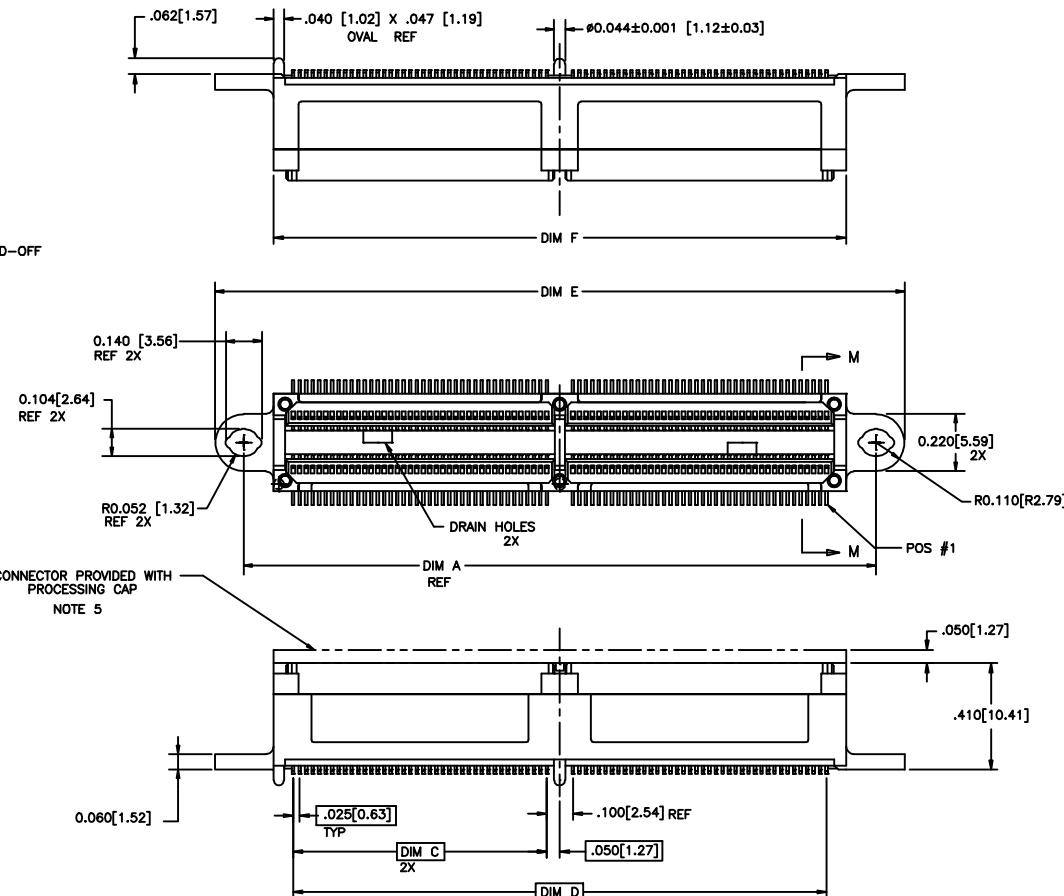
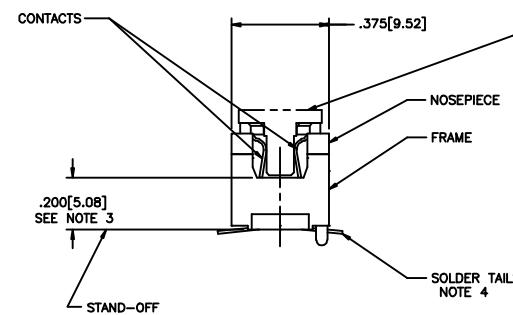


PRODUCT NUMBER
SEE TABLE



SECTION M-M
ROTATED CCW 90°
SCALE: 10/1



matl. code		surface	tolerance	projection	product family
NOTE 1 & 2		ISO 1302	ISO 406 ISO 1101		
ltr	ecn no	dr	date	tolerances unless otherwise specified	
H	C70095	SAR	7/22/97	X±.01/X±.03	
J	B81703	EPK	9/25/98	X±.005/X±.013	
K	V12473	MEM	10/10/01	0±.2°	
L	V12650	MEM	11/02/01	dr. M. HERNANDEZ 11/17/04	
M	M04-0216	MHT	11/17/04	engr. F. SALAS 11/17/04	
N	M06-0279	AEA	7/22/06	chr. F. SALAS 11/17/04	
P	M08-0271	MHT	9/25/08	appd. F. SALAS 11/17/04	
sheet	revision	P	P		
index	sheet	1	2		



form A3

1

2

3

4

5

6

PRODUCT NUMBER	NO. OF CONTACTS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	CONTACT PLATING NOTE 2
91403-001	120	1.930/49.02	.830/21.08	.725/18.42	1.550/39.37	2.150/54.61	1.700/43.18	.965/24.51	30 GXT
91403-001LF									
91403-002	160	2.430/61.72	1.080/.27.43	.975/24.76	2.050/52.07	2.650/67.31	2.200/55.88	1.215/30.86	30 GXT
91403-002LF									
91403-003	200	2.930/74.42	1.330/33.78	1.225/31.12	2.550/64.77	3.150/80.01	2.700/68.58	1.465/37.21	30 GXT
91403-003LF									
91403-403	200	2.930/74.42	1.330/33.78	1.225/31.12	2.550/64.77	3.150/80.01	2.700/68.58	1.465/37.21	60 GXT
91403-403LF									

NOTES:

① MATERIALS:

DIELECTRIC: LCP
CONTACTS: BeCu
FRAME: ZINC ALLOY #3

② PLATING:

SOLDER TAILS:
TIN LEAD: 150 μ /3.81um Sn Pb
LEAD FREE OPTION: 150 μ /3.81um Sn
FRAME: 100 μ /2.54um Ni
CONTACTS: 30 μ /7.76um GXT OVER 50 μ /1.27um Ni
OR 60 μ /1.52um GXT OVER 75 μ /1.90um Ni.

③ WHEN THE CONNECTOR IS MATED WITH THE OPPOSITE HALF, THE PARALLEL BD. TO BD. HGT. IS .47 \pm .01. (APPLIES TO VERT. THRU & SURFACE MT. STYLES)

④ THE SOLDER TAILS ON THIS PRODUCT ARE DESIGNED TO BE COMPLIANT IN ORDER TO ACCOMMODATE PRINTED CIRCUIT BOARD DIMENSIONAL VARIATIONS. THEREFORE, HOLDDOWN HARDWARE IS REQUIRED TO SECURE THE CONNECTOR TO THE PRINTED CIRCUIT BOARD FOR MOST TYPES OF SOLDER REFLOW OPERATIONS. FOR FURTHER APPLICATION DATA, INCLUDING HOLE SIZES FOR VARIOUS TYPES OF HARDWARE, SEE TA-932.

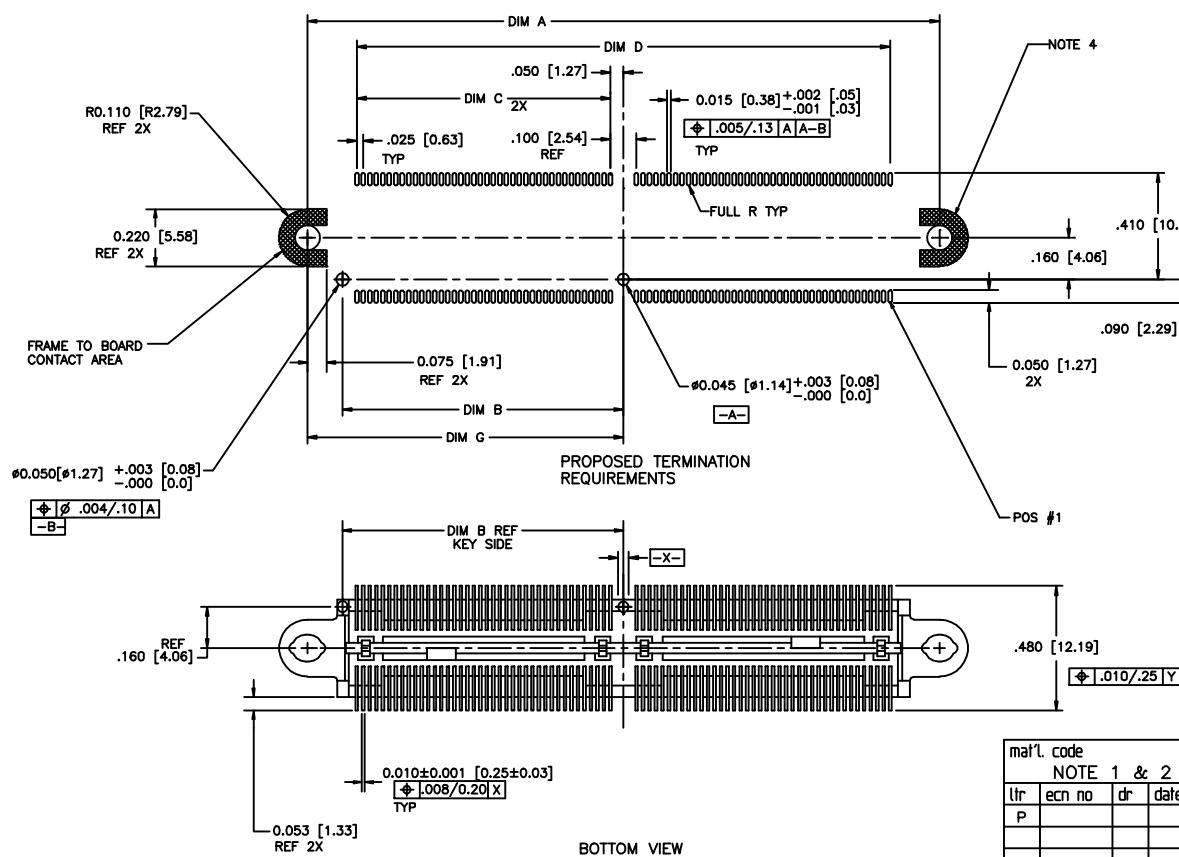
⑤ DO NOT REMOVE PROCESSING CAP UNTIL SOLDERING IS COMPLETED. CAP WILL PREVENT POTENTIAL NOSE PIECE BOW DURING HIGH TEMP. SOLDERING PROCESS.

⑥ PART NUMBERS WITH LF IN THE END ARE LEAD FREE OPTION.

EXAMPLE: 91403-XXX LF
OPTIONAL LEAD FREE

⑦ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

⑧ THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.



mat'l. code		surface	tolerance	projection	product family
NOTE 1 & 2		ISO 1302	ISO 406 ISO 101		title
ltr	ecn no	dr	date	tolerances unless otherwise specified	
P				XX±0.01/XX±0.3	
				XX±0.05/XX±0.13	
				XX±0.020/XX±0.05	
				INCH/MM	scale 1:1
				dr. M. HERNANDEZ 11/17/04	dwg no
				engr. F. SALAS 11/17/04	sheet 2 of 2
				chr. F. SALAS 11/17/04	size A3
				appd. F. SALAS 11/17/04	
sheet	revision				
index	sheet				

FCI

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI:

[91403-001LF](#) [91403-403LF](#)