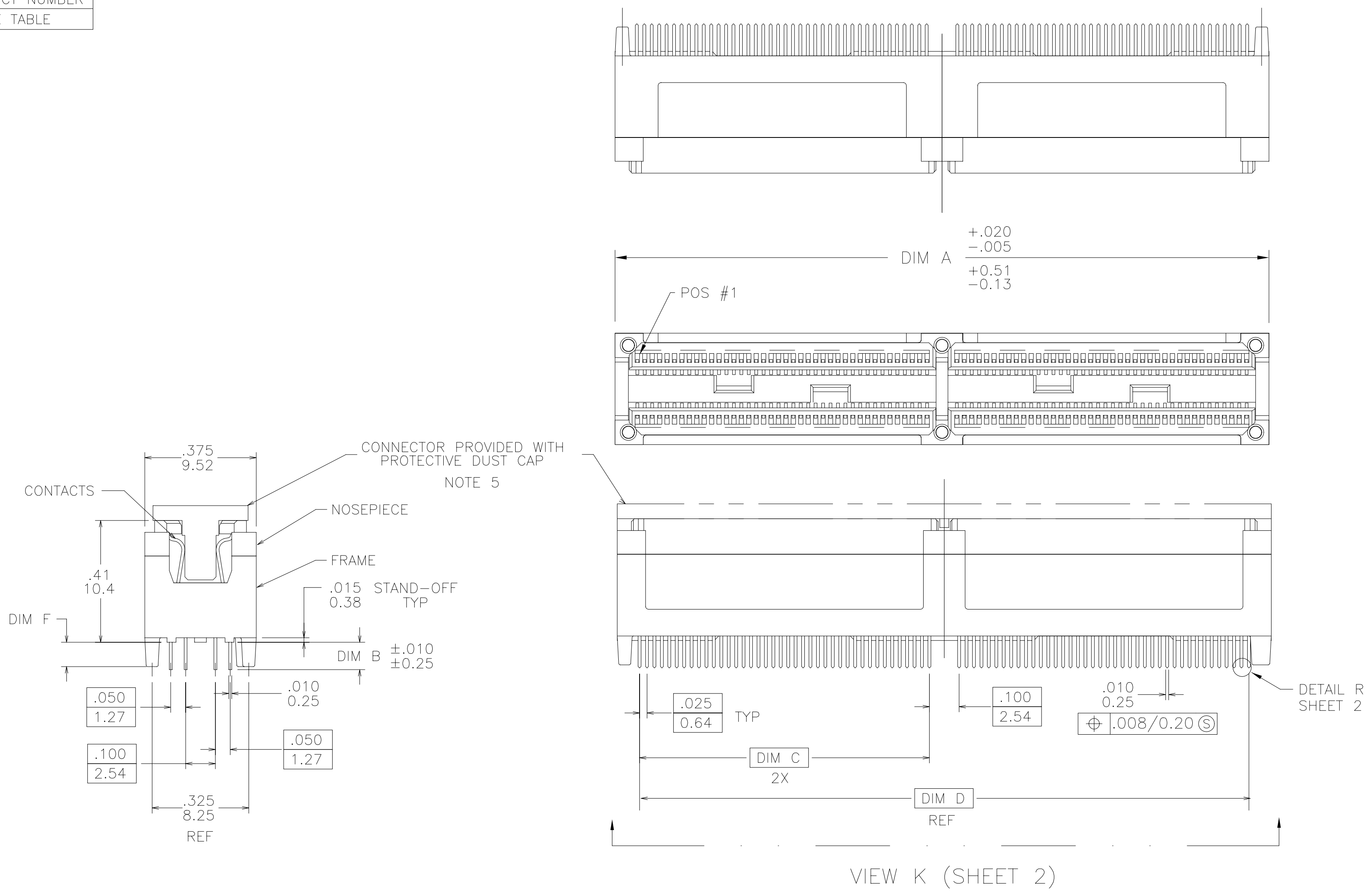
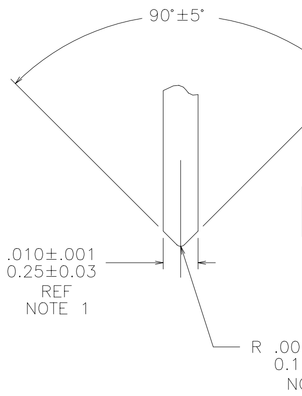
PRODUCT NUMBER
SEE TABLE



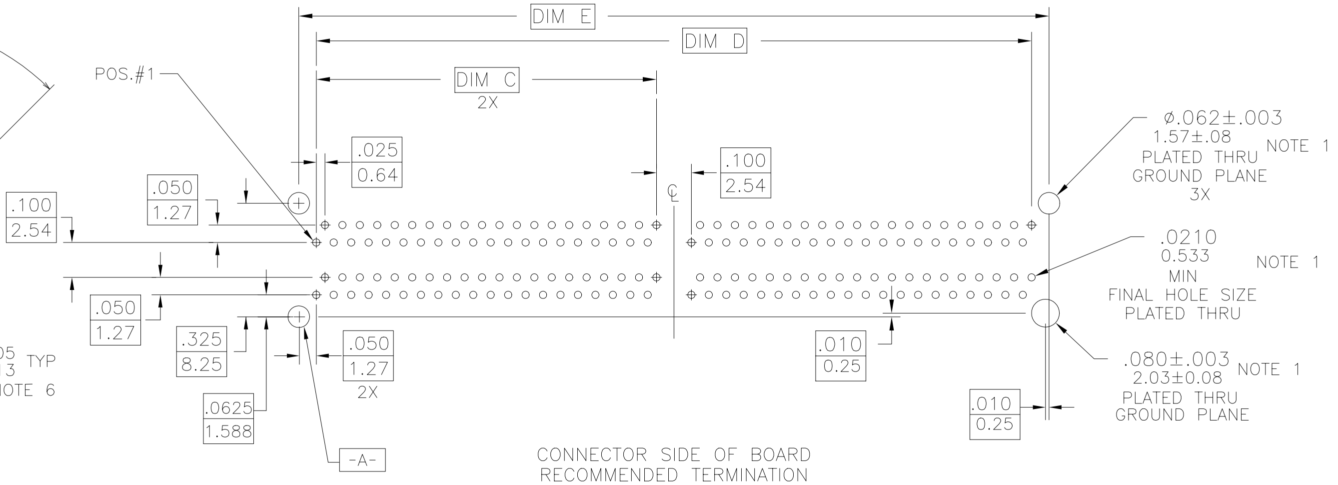
VIEW K (SHEET 2)

mat'l. code	surface ISO 1302 √	tolerance ISO 406 ISO 1101		projection	product family MICROPAX	
ltr	ecn no	dr	date	tolerances unless otherwise specified		title
H	V32226	MRC	12/23/93	angles	linear .XX±.01/.3	INCH/MM	MICROPAX .025M VERTICAL RECEPT. DBL MODULE
J	V60714	EPK	7/01/96		linear .XXX±.005/.13		
K	V71714	EPK	7/09/98	0°±2°	linear .XXXX±.0020/.051	scale 2:1	
L	V12115	CRG	8/16/01	dr	L. POTTEIGER	4/16/91	dwg no 89648 sheet 1 of 3 size A3
M	V20402	MEM	3/08/02	engr	T. LEMKE	4/16/91	
N	M05-0082	MHT	5/05/05	chr	T. LEMKE	4/16/91	
P	M06-0279	MNR	7/22/06	appd	T. LEMKE	4/16/91	type Product Customer Drawing

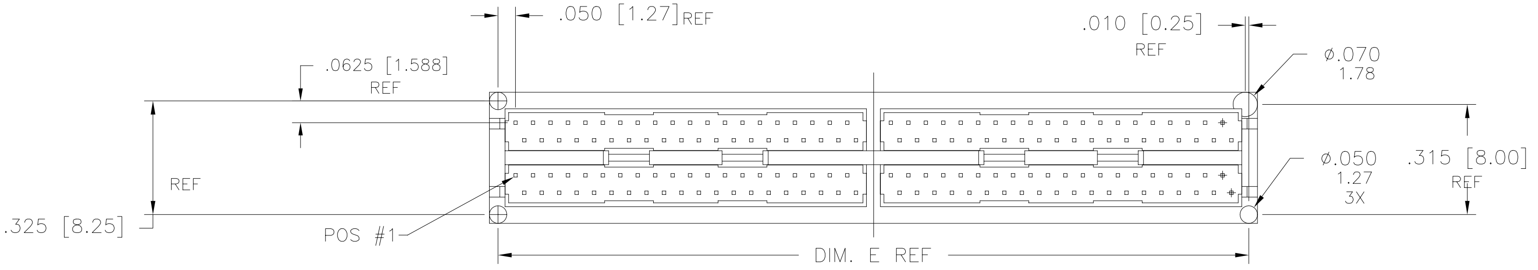
sheet index	revision	P	P	P
	sheet	1	2	3



DETAIL R
SCALE 10:1



CONNECTOR SIDE OF BOARD
RECOMMENDED TERMINATION
REQUIREMENT



BOTTOM VIEW K

mat'l. code

surface
ISO 1302

tolerance
ISO 406
ISO 1101

projection

product family
MICROPAX

ltr | ecn no | dr | date
P

tolerances unless otherwise specified
angles 0°±2°
linear .XX±.01/.3
.XXX±.005/.13
.XXXX±.0020/.051

INCH/MM
scale 2:1

title
MICROPAX .025M VERTICAL
RECEPT. DBL MODULE

dr	L. POTTEIGER	4/16/91
engr	T. LEMKE	4/16/91
chr	T. LEMKE	4/16/91
appd	T. LEMKE	4/16/91

dwg no 89648
sheet2 of 3
size A3

type Product Customer Drawing

sheet index
revision sheet

FCIconnect.com

form: A3

PDM: Rev:P STATUS Released Printed: Jul 22, 2010

PRODUCT NUMBER	NO. OF CONTACTS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	BOARD THICKNESS	PLATING
89648-001	160	2.200/55.88	.092/2.34	.975/24.76	2.050/52.07	2.150/54.61	.082/2.08	.062/1.58	NOTE 3
89648-002			.155/3.94				.144/3.66	.125/3.18	NOTE 4
89648-001LF	160	2.200/55.88	.092/2.34	.975/24.76	2.050/52.07	2.150/54.61	.082/2.08	.062/1.58	NOTE 3
89648-002LF			.155/3.94				.144/3.66	.125/3.18	NOTE 4

NOTES :

① ALL BOARD HOLES | ⌖ | Ø .006/.15 Ⓢ | A Ⓢ |

② MATERIALS : DIELECTRIC : LCP
CONTACTS : Cu Be
FRAME : ZINC ALLOY #3

③ PLATING : -001
SOLDER TAILS : 150u"/3.81um Sn Pb
FRAME : 100u"/2.54um NICKEL
CONTACT : 30u"/.76um GXT OVER 50u"/1.27um Ni

LEAD FREE OPTION:
SOLDER TAILS : 150u"/3.81um Sn
FRAME : 100u"/2.54um NICKEL
CONTACT : 30u"/.76um GXT OVER 50u"/1.27um Ni

④ PLATING : -002
SOLDER TAILS : 150u"/3.81um Sn Pb
FRAME : 150u"/3.81um SnPb
CONTACT : 30u"/.76um GXT OVER 50u"/1.27um Ni

LEAD FREE OPTION:
SOLDER TAILS : 150u"/3.81um Sn
FRAME : 150u"/3.81um Sn
CONTACT : 30u"/.76um GXT OVER 50u"/1.27um Ni

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

⑥ .002/0.05 MAX BURR PERMITTED.

⑦ PART NUMBERS WITH LF AT THE END ARE LEAD FREE.

8. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. SEE APPLICATION NOTE/PROCEDURES IF THEY ARE AVAILABLE.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE

⑨ IF "LF" P/N THE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

mat'l. code				surface ISO 1302 √	tolerance ISO 406 ISO 1101	projection
ltr	ecn no	dr	date	tolerances unless otherwise specified		
P				angles	linear .XX±.01/.3	INCH/MM
					.XXX±.005/.13	
				0°±2°	.XXXX±.0020/.051	scale 2:1
				dr	L. POTTEIGER	4/16/91
				engr	T. LEMKE	4/16/91
				chr	T. LEMKE	4/16/91
				appd	T. LEMKE	4/16/91
sheet index	revision sheet					

product family
MICROPAX

title
MICROPAX .025M VERTICAL
RECEPT. DBL MODULE

dwg no 89648
sheet 3 of 3
size A3

type Product Customer Drawing

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form: A3