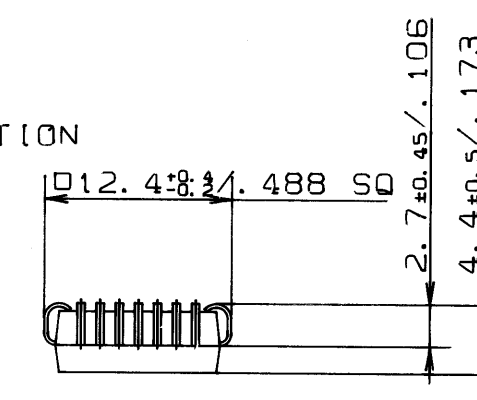
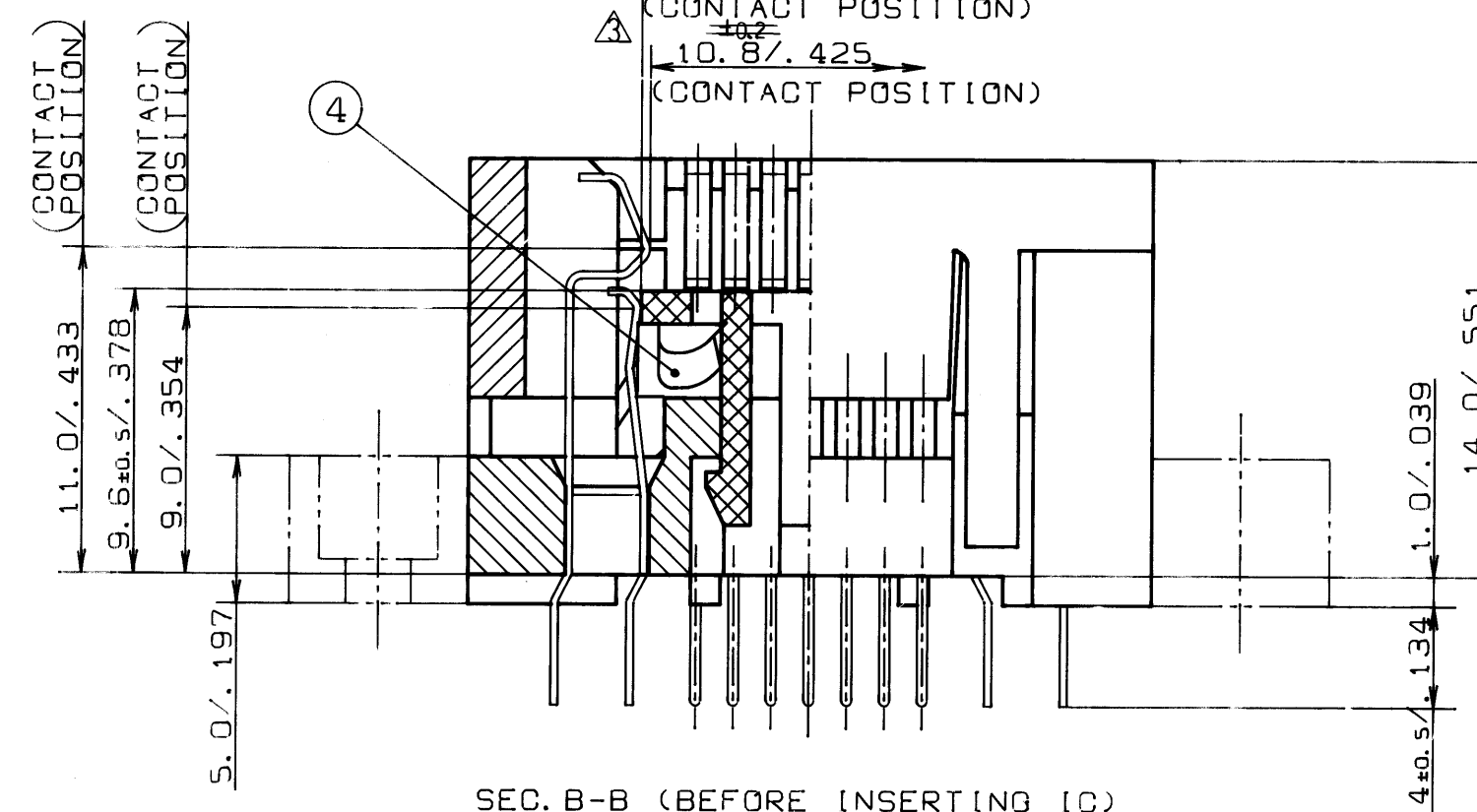


SPECIFICATION

1. INSULATION RESISTANCE
1.000MQ mini. at DC500V.
2. WITHSTANDING VOLTAGE
AC700V for one minute.
3. CONTACT RESISTANCE
30mQ max. at 10mA/20mV max.
4. OPERATING TEMPERATURE
-40°C ~ +170°C.
5. NORMAL FORCE
20g mini.
/contact at minimum displacement 0.3mm.
90g max.
/contact at maximum displacement 0.8mm.

± 0.2
 11.4 / .449
 (CONTACT POSITION)
 ± 0.2
 10.8 / .425
 (CONTACT POSITION)



HANDLING INSTRUCTIONS (DEAD BUG)

For extraction, push Insulator B downwards.
The package comes up for easy removal with a vacuum or tweezers.

PART TITLE	HOLE PATTERN	NO. OF CONTACT C/D	INSERT DIRECTION
IC120-0284-008**	A	14/14	DEAF. HUG
IC120-0284-238**	B	12/16	DEAF. HUG
IC120-0284-408**	C	16/12	DEAF. HUG

Ⓐ 山一電機工業株式会社
YAMAICHI ELECTRIC MFG.CO.,LTD.

名称 (TITLE)	
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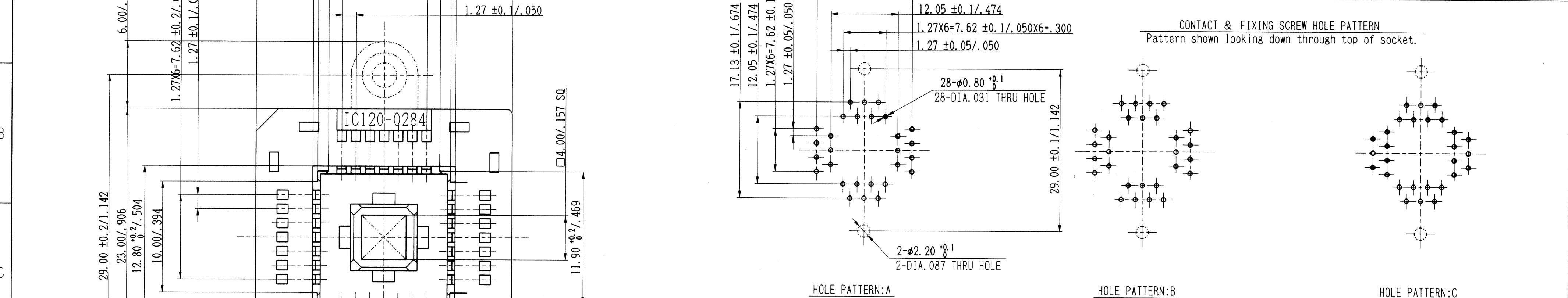
LC120-0284-*08**

尺度 SCALE	4 / 1	承認 APP.	承認 APP.	検図 CHK.	製図 DRW.	設計 DSGN
単位 DIMENSION	$\frac{m}{m}$ INCH	27-6-10	27-6-10	27-6-9	27-6-5	27-5-
三角図法 3RD ANGLE PROJECTION		Isao	Isao	Isao	Isao	K. Isao

11	図 采 (DRW. NO.)
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KL-8452 3 14

記号×数 SYM. X QNT.	変更内容 REVISION DESCRIPTION	承認 APP.	担当 SIGN.	年月日 DATE	変更通知番号 REV. NOTICE NO.
△ x	Redrawn	sasaki	uratsuji	87・8・18	87-1014
△ x 14	Design changed	sasaki	uratsuji	88・3・2	88-0156
△ x 1	Redrawn	Takeuchi	Uratsuji	94・9・19	技94-1407
△ x 1	Change of Tolerance	Takeuchi	Uratsuji	95・4・19	技95-0742
△ x					



REMARKS

1. Assignment of pins for A,B and C is the same, but the pin pattern of A,B and C are different.

2. Product configuration, if a flange is required on the socket, please specify by adding MF to the end of the part number when ordering.

3. IC120-0284-008-**, -208-**, -408** are all described on drawing KL-8452 3/4.

4. All products in this series have the product numbers molded onto them. EG: IC120-0284

PART NUMBER IDENTIFICATION

IC120-0284-*08**

MF=MAUNTING FLANGES

DESIGN NUMBER

HOLE PATTERN AND INSERT DIRECTION (TABLE 1)

NUMBER OF SIDES WITH CONTACT

NUMBER OF PINS

SOCKET SERIES

SPECIFICATION

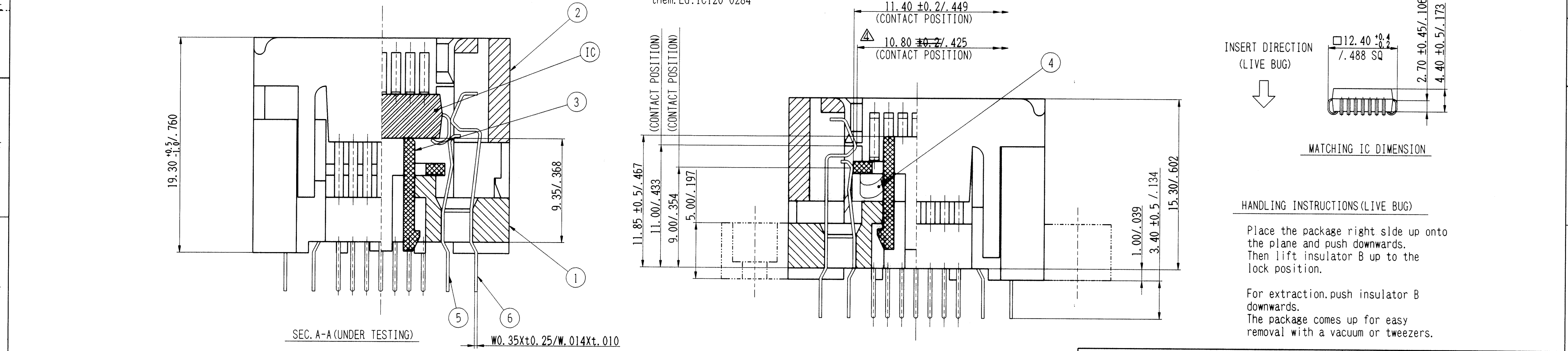
1. INSULATION RESISTANCE:1000MΩ min. at DC500V.

2. WITHSTANDING VOLTAGE:AC700V for one minute.

3. CONTACT RESISTANCE:30mΩ max.at 10mA/20mV max.

4. OPERATING TEMPERATURE:-40°C~+170°C

5. NOMAL FORCE 20g mini. /contact at minimum displacement0.3mm. 90g max. /contact at maximum displacement0.8mm.



ITEM	DESCRIPTION	QNT.	MATERIAL	CONTENT	PART IDENT.
6	Contact 424	D	TABLE 1	BeCu t0.25	Ni-Au P1 (Class B) SL-8996
4	IC120-0204-005	LEVER	4	PPS	SM-11598
3	IC120-0284-*08	PLANE-2	1	PEI (GF)	SL-10086
2	IC120-0284-108	INSULATOR B	1	△ PEI (GF)	SL-10202
1	IC120-0284-008**	INSULATOR A	1	PEI (GF)	SL-10083

TABLE 1	PART TITLE	HOLE PATTERN	NO. OF CONTACT C/D	INSERT DIRECTION
	IC120-0284-108**	A	14/14	LIVE BUG
	IC120-0284-308**	B	12/16	LIVE BUG
	IC120-0284-508**	C	16/12	LIVE BUG

TOLERANCES. ±0.3/±.012
Unless otherwise specified dimensions.

山一電機株式会社
YAMAICHI ELECTRONICS Co.,Ltd.

分類 (CLASS) QFJ (PLCC) -28pin

名称 (TITLE) IC120-0284-*08**

図番 (DRW. NO.) KL-8452

Sheet No. 4/

REV. E

Mouser Electronics

Authorized Distributor

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[Yamaichi Electronics:](#)

[IC120-0284-508](#) [IC120-0284-308](#)