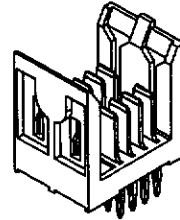


| CODE | KEY DIMENSION | |
|------|--------------------|-------------|
| | MATING POST LENGTH | LEAD LENGTH |
| 01 | 6.50 | 4.30 |
| 02 | 7.25 | 4.30 |
| 03 | 8.00 | 4.30 |



SPECIFICATION
MATERIAL
 Insulator: Thermal Plastic UL94V-0
 Contacts: Copper Alloy
CONTACT PLATING
 Underplate: 50u"~100u" Nickel
 Contact Area: 1u"~30u" Selective Gold
 Solder Tails Area: 100u"~200u" Tin/Lead(Brighten Tin) or
 100u"~200u" Tin/Lead Free(Brighten Tin/Matte Tin)
ELECTRICAL
 Current Rating: 3 Amps Max.
 Contact Resistance: 30 mohms Max.
 Insulation Resistance: 1000 Mohms Min
 Dielectric Withstanding Voltage: 1000 VAC / Minute
 Temperature Range: -55°C TO +125°C
 PART NO.

609G 08 X 08 M X X X Z
 1 2 3 4 5 6 7 8 9

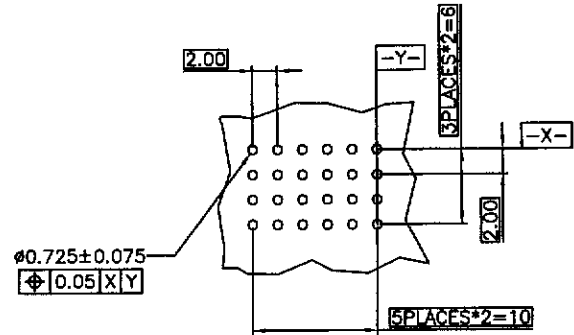
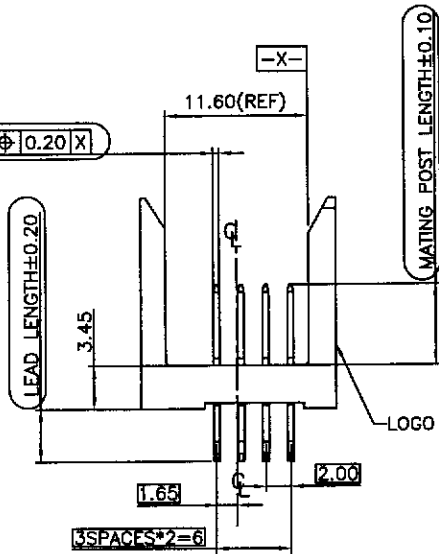
- 1. SERIES NO.
609G=Futurebus Press-Fit
- 2. TYPE
08=4 Row * 2 Column
- 3. ENVIRONMENT PROTECTION
MATERIAL:
--General
J=SONY SS-00259(Reserved)
K=SONY SS-00259(Matte Tin) (Reserved)
E=RoHS
F=RoHS(Matte Tin)
- 4. CONTACT NUMBER:
Pin Number
- 5. CONTACT TYPE:
M=Male
- 6. CONTACT AREA PLATING:
S=Gold Flash (Selective)
R=3u" Gold (Selective)
A=5u" Gold (Selective)
B=10u" Gold (Selective)
C=15u" Gold (Selective)
D=30u" Gold (Selective)
- 7. PIN LENGTH
A=LENGTH ALL THE SAME & FULL PINS
& FULL PINS
B~Z=DIFFERENT PIN LENGTH
- 8. CONTACT LAYOUT NUM.
A~Z
- 9. COLOR
Z=WHITE COLOR & TYPE2 INSULATOR



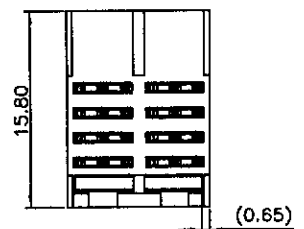
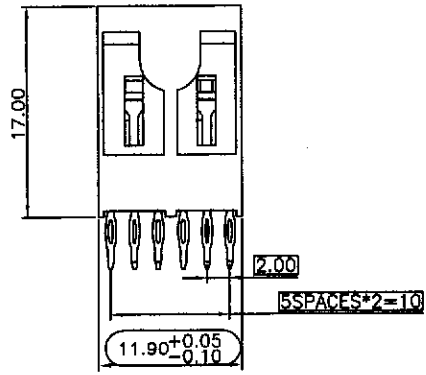
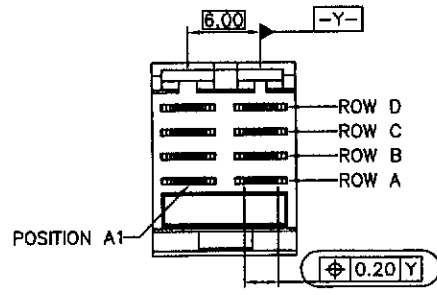
For SIP (Symbol)
 For cmk/cpk (Symbol)

| PRODUCT NUMBER | ROW | CONFIGURATION | | REMARK |
|----------------|-----|---------------|---|--------|
| | | 1 | 2 | |
| | D | | | |
| | C | | | |
| | B | | | |
| | A | | | |

CONTACT MATING POST LENGTH & LEAD LENGTH LAYOUT



RECOMMENDED CIRCUIT PATTERN
 TOLERANCES: ±0.05mm



| UNLESS OTHERWISE SPECIFIED TOLERANCE | |
|--------------------------------------|------|
| ANG. | ±5° |
| 0. | ±0.3 |
| .0 | ±0.3 |
| .00 | ±0.2 |

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| REV. | DESCRIPTION | DATE | REV. | DESCRIPTION | DATE | SIZE | REV. | FILE NAME: |
|------|----------------------|----------|------|----------------------------------|----------|------|------|------------|
| C | ECN-0205056(DONDON)▲ | 05/03/02 | F | ECN-0610081(James)CHANGE OUTLINE | 10/13/06 | A4 | F | 609G08KMZ |
| B | ECN-0107033(beck)▲ | 07/10/01 | E | ECN-0508037(Paige) | 07/19/05 | | | |
| A | | 04/30/01 | D | ECN-0307021(Mandy) | 07/03/03 | | | |

SCALE: AS SHOWN UNIT: mm
 DRAWN: JOE 10/13/06
 CHECKED: James 10/16/06
 APPROVED: [Signature] 10/16/06

DRAWN NAME: FUTURE BUS FOR POWER PIN (4*2)
 PRODUCT NO. 609G08X08MXXXZ
 FILE NAME: 609G08KMZ

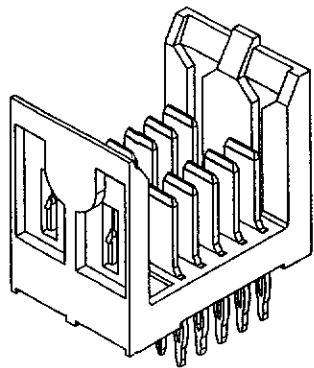
1 2 3 4 5 6 7 8 9 10

| KEY DIMENSION | | |
|---------------|--------------------|-------------|
| CODE | MATING POST LENGTH | LEAD LENGTH |
| 01 | 6.50 | 4.30 |
| 02 | 7.25 | 4.30 |
| 03 | 8.00 | 4.30 |

SPECIFICATION
MATERIAL
 Insulator: LCP, rated UL94V-0
 Contacts: Phosphor Bronze
CONTACT PLATING
 Underplate: 50u"~100u" Nickel
 Contact Area: 1u"~30u" Selective Gold
 Solder Tails Area: 100u"~200u" Tin/Lead(Brighten Tin) or 100u"~200u" Tin/Lead Free(Brighten Tin/Matte Tin)
ELECTRICAL
 Operation voltage: 250 VAC max.
 Current rating: 3 Amps max.
 Contact resistance: 30 mohms max.
 Insulation resistance: 1000 Mohms min @ 500 VDC
 Dielectric withstanding voltage: 1000 VAC / minute
 Temperature Range: -55°C TO +125°C
 PART NO.

609G 10 X 10 M X X X Z
 1 2 3 4 5 6 7 8 9

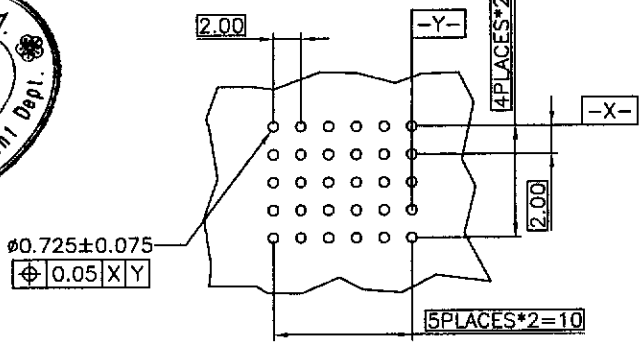
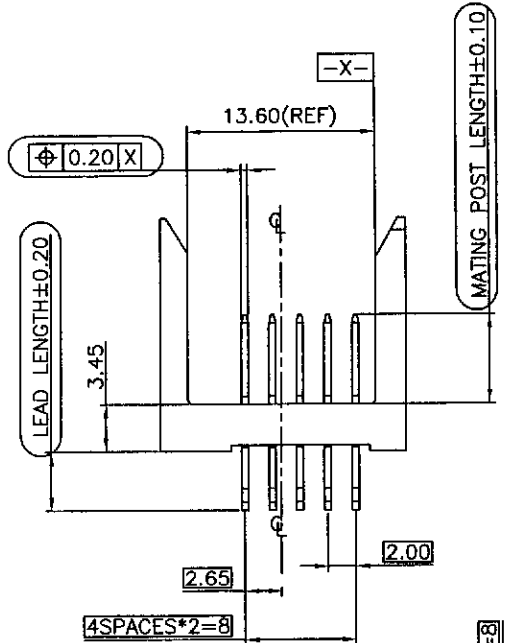
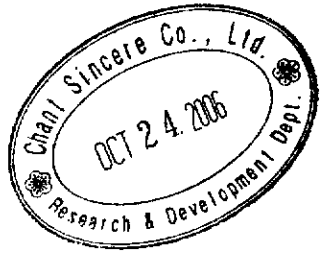
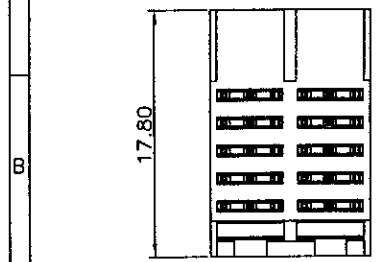
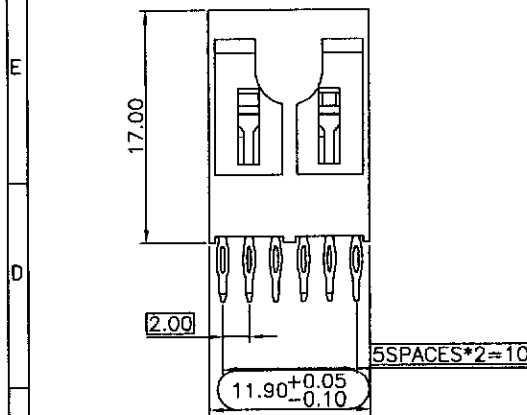
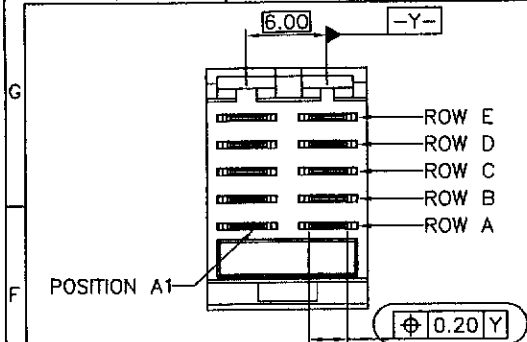
- 1.SERIES NO.
609G=FUTUREBUS PRESS-FIT
- 2.TYPE
10=5 ROW * 2 COLUMN
- 3.ENVIRONMENT PROTECTION MATERIAL.
- =General
J=SONY SS-00259(Reserved)
K=SONY SS-00259(Matte Tin) (Reserved)
E=RoHS
F=RoHS(Matte Tin)
- 4.CONTACT NUMBER:
PIN NUMBER
- 5.CONTACT TYPE:
M=MALE
- 6.CONTACT AREA PLATING:
S=Gold Flash (Selective)
R=3u" Gold (Selective)
A=5u" Gold (Selective)
B=10u" Gold (Selective)
C=15u" Gold (Selective)
D=30u" Gold (Selective)
- 7.PIN LENGTH
A=LENGTH ALL THE SAME & FULL PINS
B~Z=DIFFERENT PIN LENGTH
- 8.CONTACT LAYOUT NUM.
A~Z
- 9.COLOR
Z=WHITE COLOR & TYPE2 INSULATOR



○ For SIP
 (ST) For cmk/cpk

| UNLESS OTHERWISE SPECIFIED TOLERANCE | |
|--------------------------------------|------|
| ANG. | ±5° |
| 0. | ±0.5 |
| .0 | ±0.3 |
| .00 | ±0.2 |

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RECOMMENDED CIRCUIT PATTERN
 TOLERANCES: ±0.05mm

| REV. | DESCRIPTION | DATE | REV. | DESCRIPTION | DATE |
|------|--------------------|----------|------|----------------------------------|----------|
| C | ECN-0506087(Kelly) | 06/10/05 | | | |
| B | ECN-0107033(beck) | 07/10/01 | | | |
| A | | 04/30/01 | D | ECN-0610082(James)CHANGE OUTLINE | 10/13/06 |

| | | |
|-------------------------|----------------------|----------------------------|
| SCALE: AS SHOWN | UNIT: mm | DRAWN NAME: FUTURE BUS |
| DRAWN: JOE | 10/13/06 | CHECKED: James 10/16/06 |
| APPROVED: Mark 10/16/06 | SIZE: A4 | PRODUCT NO: 609G10X10MXXXZ |
| REV: D | FILE NAME: 609G10KMZ | |

1 2 3 4 5 6 7 8 9 10