

SPECIFICATION

MATERIAL

Insulator: PBT Glass Reinforced, Rated UL94V-0

Contact: Phosphor Bronze

ELECTRICAL

Current Rating: 1 Amp.

Contact Resistance: 30 mohms Max.

Insulation Resistance: 3000 Megohms Min

Dielectric Withstanding Voltage: 500 VAC For 1 minute

Operating Temperature: -40°C TO +105°C

PART NO.

310 A X XX P X X S A D 3
1 2 3 4 5 6 7 8 9 10 11

1.SERIES NO.

2.TYPE.

A=Standard

3.ENVIRONMENT PROTECTION MATERIAL:

--General

E=RoHS

F=RoHS(Matte Tin)

4.CONTACT NUMBER:

1~40 (Single Row)

2~80 (Dual Row)

5.CONTACT TYPE:

P=Non Distribution

6.CONTACT PLATING:

T=Tin Plated

G=Gold Flash

S=Gold Flash (Selective)

A=5μ" Gold (Selective)

B=10μ" Gold (Selective)

C=15μ" Gold (Selective)

D=30μ" Gold (Selective)

7.ROW TYPE:

A=Single Row

B=Dual Row

8.PROCESS METHOD:

S=Straight

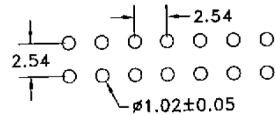
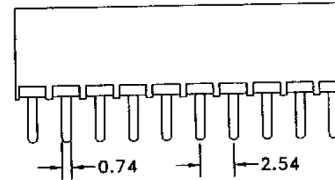
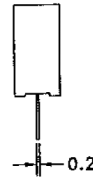
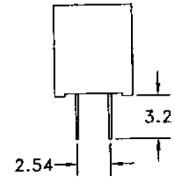
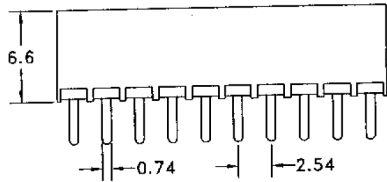
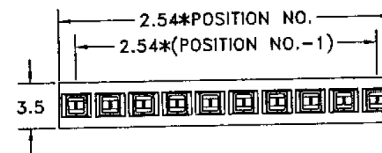
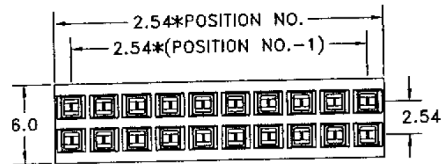
9.INSULATOR HEIGHT:

A=6.6mm(四面)

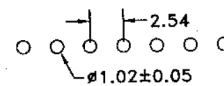
10.FILL IT WITH "0"

11.COLOR:

3=Black



RECOMMENDED P.C.B LAYOUT TOLERANCES: ±0.05



RECOMMENDED P.C.B LAYOUT TOLERANCES: ±0.05



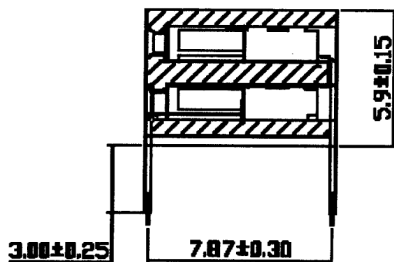
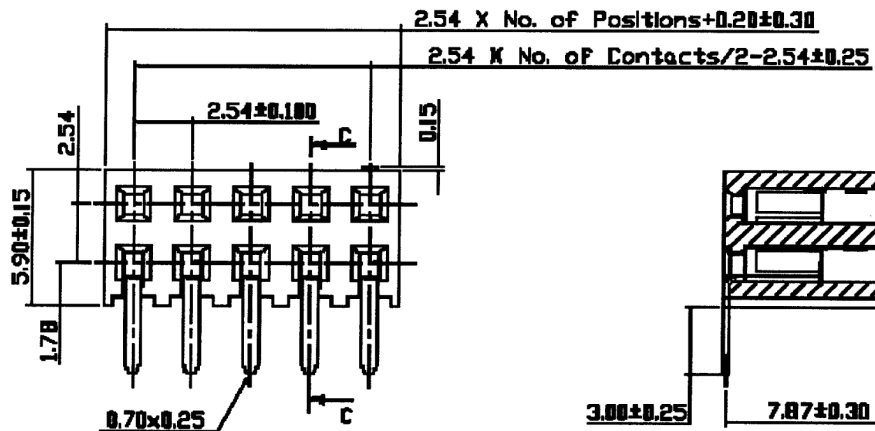
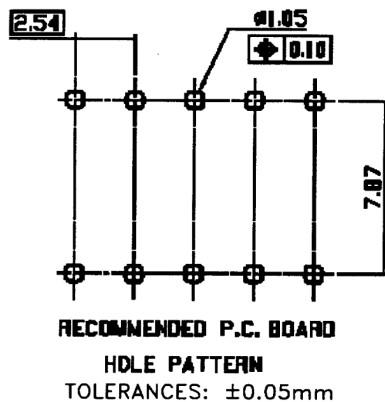
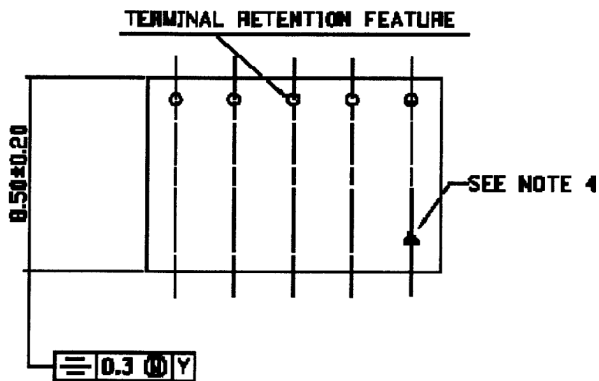
UNLESS OTHERWISE SPECIFIED TOLERANCE	
.0	±0.3
.00	±0.2
.000	±0.1
SCALE: AS SHOWN	UNIT: mm

MC-COMPONENTS

DRAWN	JOE	08/09/05
CHECKED	<i>beav</i>	08/10/05
APPROVED	<i>Mike</i>	08/15/05
DATE	SIZE	REV.
	A4	B

DRAWN NAME:	Female Header (Pitch: 2.54 mm)
PRODUCT NO.	310AXXPXXSA03
FILE NAME:	310AFXXPXXSA03(C2)

REV.	DESCRIPTION	DATE
B	ECN-0508049(Lily)CHANGE OUTLINE	08/08/05
A		06/26/97



SECTION C-C

NOTES:

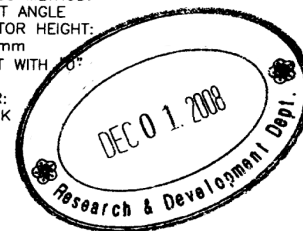
1. MATERIAL:
 - INSULATOR: PBT+30%G.F. UL 94V-0.
 - CONTACT: PHOSPHOR BRONZE.
 - PLATING:
 - CONTACT: GOLD or TIN OVER NICKEL.
2. ELECTRICAL:
 - CONTACT CURRENT RATING: 3.0 AMP
 - INSULATION RESISTANCE: 1000 Megohms MINIMUM.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500 V AC
 - CONTACT RESISTANCE: 20 Milliohms MAXIMUM.
3. ENVIRONMENTAL:
 - OPERATION TEMPERATURE: -40°C TO + 105°C.

PART NO.

310 A E XX P X B R T O 3
1 2 3 4 5 6 7 8 9 10 11

1. SERIES NO.
2. TYPE:
 - A=STANDARD
3. GREEN OPTION:
 - E=RoHS
4. CONTACT NUMBER:
 - 02~80
5. CONTACT TYPE:
 - P=NON DISTRIBUTION
6. CONTACT PLATING:
 - T=Tin Plated
 - G=Gold Flash
 - S=Gold Flash (Selective)
 - A=5u" Gold (Selective)
 - B=10u" Gold (Selective)
 - C=15u" Gold (Selective)
 - D=30u" Gold (Selective)
7. ROW TYPE:
 - B=DUAL ROW
8. PROCESS METHOD:
 - R=RIGHT ANGLE
9. INSULATOR HEIGHT:
 - T=5.90mm
10. FILL IT WITH:

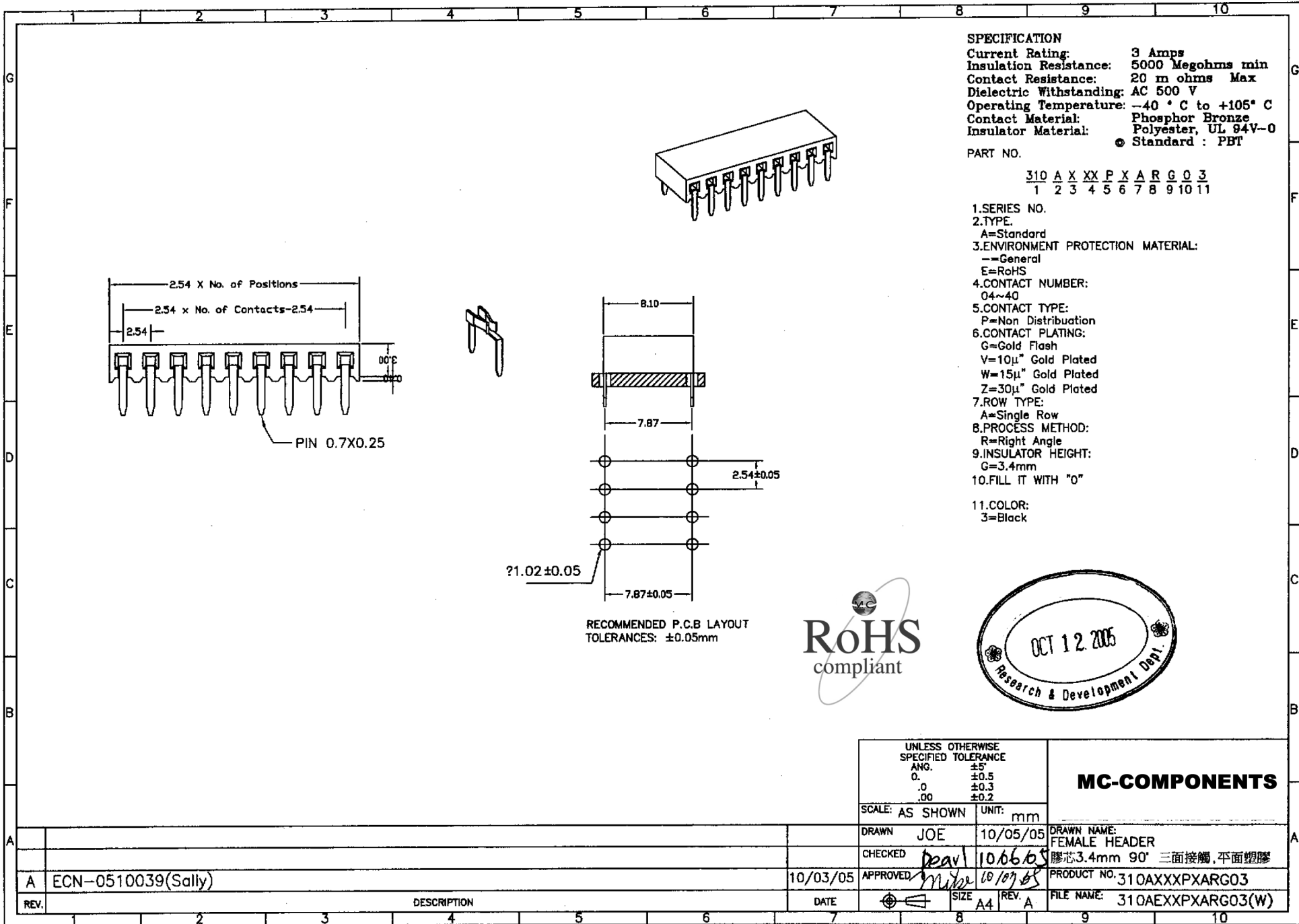
11. COLOR:
 - 3=BLACK



UNLESS OTHERWISE SPECIFIED TOLERANCE	
ANG.	±2°
.0	±0.25
.00	±0.1
.000	±0.05
SCALE: AS SHOWN	UNIT: mm

MC-COMPONENTS

A	C	ECN-0811222(Paige)CHANGE OUTLINE	11/24/08	DRAWN	JOE	11/25/08	DRAWN NAME:	FEMALE HEADER
B	B	ECN-0811175(Paige)	11/19/08	CHECKED	peavl	11/25/08	膠芯	5.90mm 90°
A	A	ECN-0811112(Paige)	11/12/08	APPROVED	Joe	11/25/08	PRODUCT NO.	310AEXXPXBRT03
REV.		DESCRIPTION	DATE			REV.	FILE NAME:	310AEXXPXBRT03(Z7)



SPECIFICATION

Current Rating: 3 Amps
 Insulation Resistance: 5000 Megohms min
 Contact Resistance: 20 m ohms Max
 Dielectric Withstanding: AC 500 V
 Operating Temperature: -40 °C to +105° C
 Contact Material: Phosphor Bronze
 Insulator Material: Polyester, UL 94V-0
 © Standard : PBT

PART NO.

310 A X XX P X A R G 0 3
 1 2 3 4 5 6 7 8 9 10 11

- 1.SERIES NO.
- 2.TYPE.
A=Standard
- 3.ENVIRONMENT PROTECTION MATERIAL:
--General
E=RoHS
- 4.CONTACT NUMBER:
04~40
- 5.CONTACT TYPE:
P=Non Distribution
- 6.CONTACT PLATING:
G=Gold Flash
V=10μ" Gold Plated
W=15μ" Gold Plated
Z=30μ" Gold Plated
- 7.ROW TYPE:
A=Single Row
- 8.PROCESS METHOD:
R=Right Angle
- 9.INSULATOR HEIGHT:
G=3.4mm
- 10.FILL IT WITH "0"
- 11.COLOR:
3=Black

RECOMMENDED P.C.B LAYOUT
 TOLERANCES: ±0.05mm



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

MC-COMPONENTS

SCALE: AS SHOWN UNIT: mm

DRAWN JOE 10/05/05

DRAWN NAME: FEMALE HEADER

CHECKED *Ray* 10/06/05

膠芯3.4mm 90° 三面接觸, 平面塑膠

APPROVED *Mike* 10/07/05

PRODUCT NO. 310AXXXXPXARG03

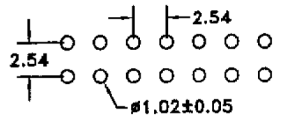
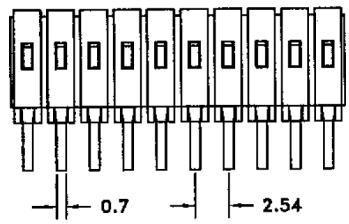
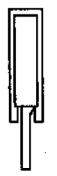
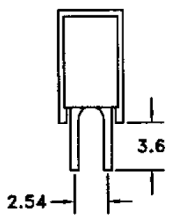
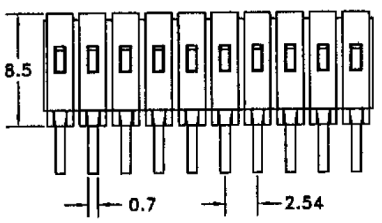
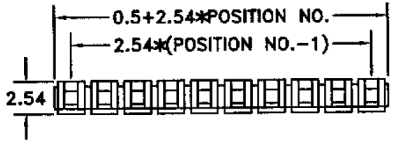
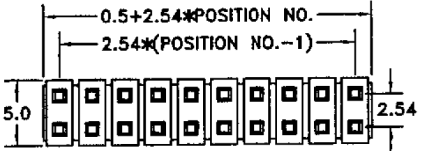
SIZE A4 REV. A

FILE NAME: 310AEXXPXARG03(W)

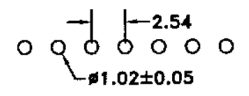
REV.	DESCRIPTION	DATE
A	ECN-0510039(Sally)	10/03/05

1 2 3 4 5 6 7 8 9 10

G
F
E
D
C
B
A



RECOMMENDED P.C.B LAYOUT
TOLERANCES: ±0.05mm



RECOMMENDED P.C.B LAYOUT
TOLERANCES: ±0.05mm



SPECIFICATION

MATERIAL
Insulator: PBT Glass Reinforced, Rated UL94V-0
Contact: Phosphor Bronze
ELECTRICAL
Current Rating: 1 Amp.
Contact Resistance: 30 mohms Max.
Insulation Resistance: 3000 Megohms Min
Dielectric Withstanding Voltage: 500 VAC For 1 minute
Operating Temperature: -40°C TO +105°C
PART NO.

310 A X XX P X X S B 0 3
1 2 3 4 5 6 7 8 9 10 11

- 1.SERIES NO.
- 2.TYPE.
- A=Standard
- 3.ENVIRONMENT PROTECTION MATERIAL:
- =General
- E=RoHS
- F=RoHS(Matte Tin)
- 4.CONTACT NUMBER:
- 1~40 (Single Row)
- 2~80 (Dual Row)
- 5.CONTACT TYPE:
- P=Non Distribution
- 6.CONTACT PLATING:
- T=Tin Plated
- G=Gold Flash
- S=Gold Flash (Selective)
- A=5u" Gold (Selective)
- B=10u" Gold (Selective)
- C=15u" Gold (Selective)
- D=30u" Gold (Selective)
- 7.ROW TYPE:
- A=Single Row
- B=Dual Row
- 8.PROCESS METHOD:
- S=Straight
- 9.INSULATOR HEIGHT:
- B=8.5mm
- 10.FILL IT WITH "0"
- 11.COLOR:
- 3=Black



UNLESS OTHERWISE SPECIFIED TOLERANCE		MC-COMPONENTS
.0	±0.3	
.00	±0.2	
.000	±0.1	
SCALE: AS SHOWN	UNIT: mm	
DRAWN PEARL	10/24/05	DRAWN NAME: Female Header
CHECKED Joe	10/25/05	Pitch: 2.54 mm(H=8.5mm)
APPROVED Mike	10/25/05	PRODUCT NO. 310AXXPXXSB03
DATE	SIZE A4	REV. B
		FILE NAME: 310AFXPPXXSB03(C2)

REV.	DESCRIPTION	DATE
B	ECN-0510156(Sally)CHANGE OUTLINE	10/12/05
A		06/25/97

G
F
E
D
C
B
A

1 2 3 4 5 6 7 8 9 10