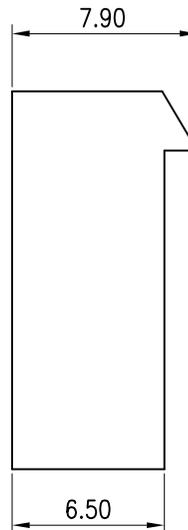
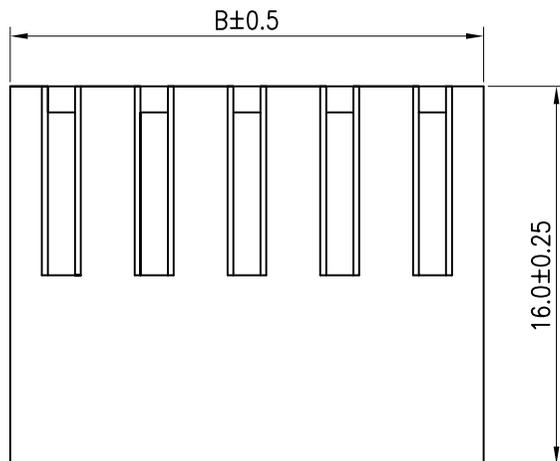
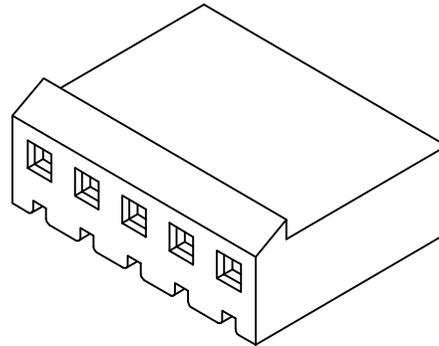
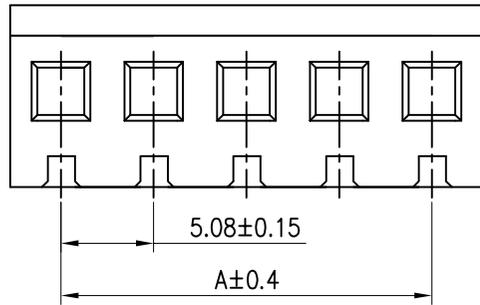


**RoHS**  
COMPLIANT



**SPECIFICATIONS**

1. Current rating: 7A AC, DC
2. Voltage rating: 250V AC, DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ/ min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 20mΩ/ max.

Material: PA66 UL94 V-2  
Suitable KR3960 series terminal  
Mate with KR5081 series Wafer

Ordering Code:

H50810 xxx 16 01B

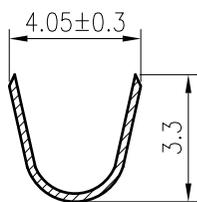
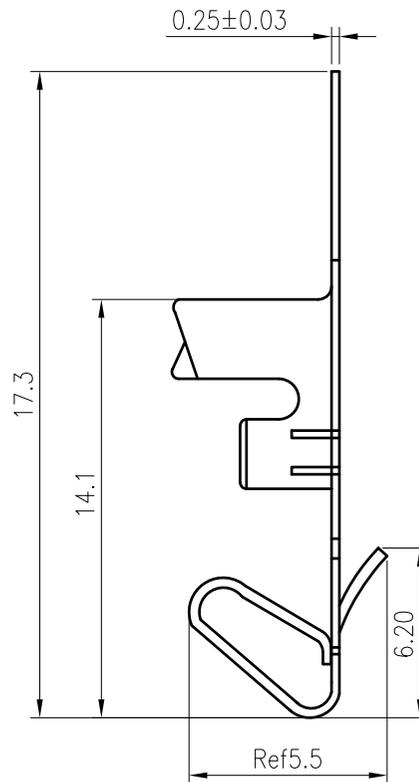
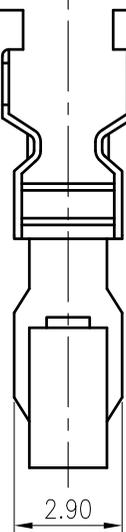
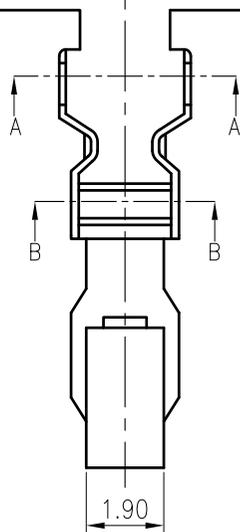
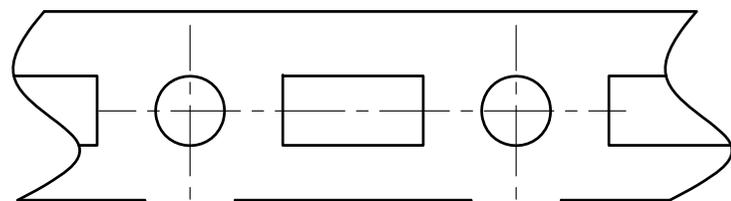
No. of Circuits  
102:2, 114:14

Insulator Material  
16: PA66 Transparent

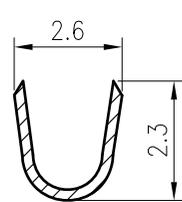
Circuits	Dimensions		Circuits	Dimensions	
	A	B		A	B
2	5.08	10.16	9	40.64	45.72
3	10.16	15.24	10	45.72	50.80
4	15.24	20.32	11	50.80	55.88
5	20.32	25.40	12	55.88	60.96
6	25.40	30.48	13	60.96	66.04
7	30.48	35.56	14	66.04	71.12
8	35.56	40.64			

F	A3				<b>TOLERANCE</b> X. X ±0.30 X. XX ±0.20 X. XXX ±0.10 Angle ±2°	<b>TITLE:</b> MK5.08 Housing	<b>DRAWN:</b> Arvin 2020.03.24		<b>KONNRA</b> 东莞市康瑞电子有限公司 DongGuan Konnra Electronics Co., Ltd.		
	A2						<b>CHECKED:</b>				
	A1						<b>APPROVED:</b>		<b>PART NO.:</b> H50810xxx1601B		
	MARK	REVISION DESCRIPTION	SIGNATURE	DATE			UNIT: mm	SCALE: N/A	SHEET: 1/1	PROJECTION	REV. : A1
1	2	3	4	5	6	7	8	9			

**RoHS**  
COMPLIANT



SECTION A-A



SECTION B-B

**SPECIFICATIONS**

1. Current rating: 7A AC, DC
2. Voltage rating: 250V AC, DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ/ min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 20mΩ/ max.

Material: Phosphor Bronze

Finish: Tin plated over Nickel

Applicable wires:

AWG #18~#22

Insulation O.D.: 2.80mm Max.

Suitable KR3960 series Housing

Qty/reel: 5,000PCS

TOLERANCE
X.X ±0.30
X.XX ±0.20
X.XXX ±0.10
Angle ±2°

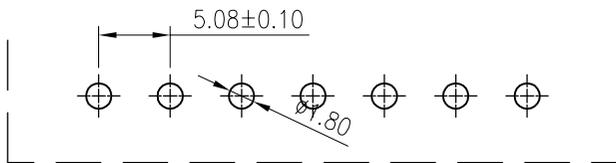
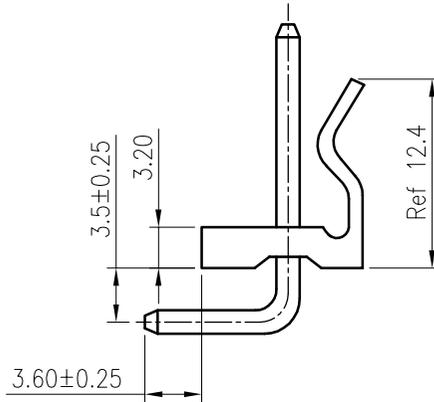
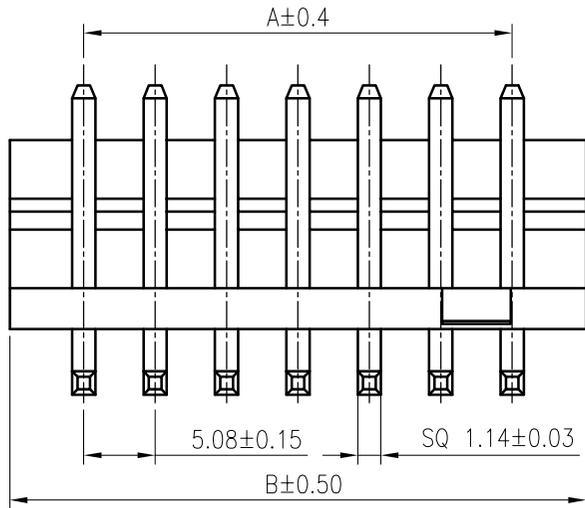
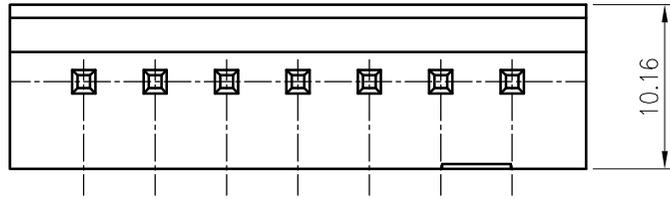
TITLE:	MX3.96 Terminal
UNIT:mm	SCALE:N/A

DRAWN:	Arwin 2020.05.07
CHECKED:	
APPROVED:	
SHEET: 1/1	PROJECTION

KONNRA 东莞市康瑞电子有限公司	
DongGuan Konnra Electronics Co.,Ltd.	
PART NO.: T39600PT0101B	
REV.: A4	DRAWING NO.: 3960T101-B-S

MARK	REVISION DESCRIPTION	SIGNATURE	DATE
	Uniformly arrange the drawings	ZSZ	2022.1.8

**RoHS**  
COMPLIANT



Recommended P.C.B. Layout  
Total tolerance:±0.05mm

**SPECIFICATIONS**

1. Current rating: 7A AC, DC
2. Voltage rating: 250V AC, DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ/ min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 20mΩ/ max.

**Material:**

Insulator: PA66 UL94 V-2  
Contact: Brass  
Plating: Tin plated over Nickel  
Mates With KR5081 Series Housing

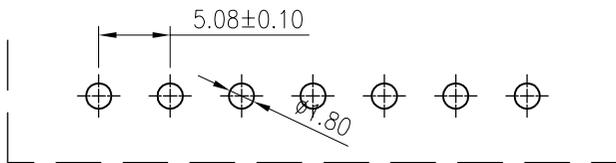
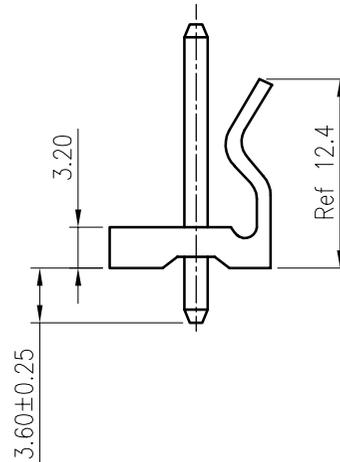
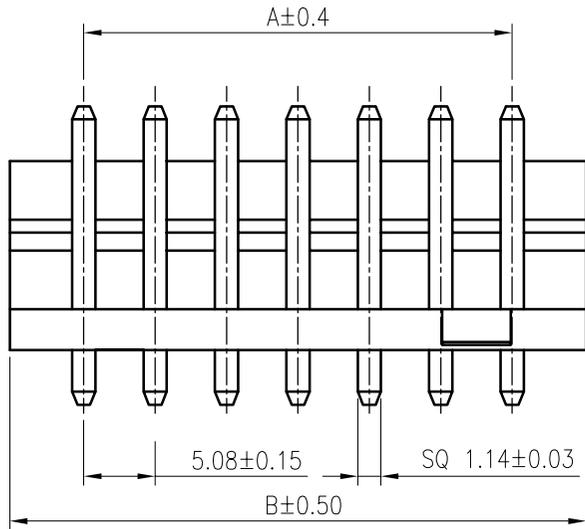
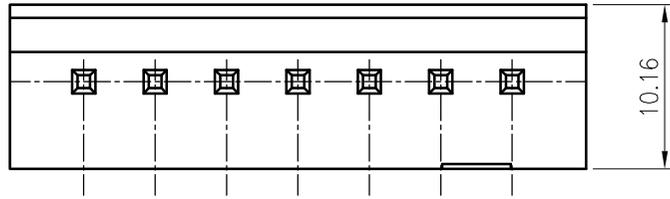
**Ordering Code:**

C5081RD xxx 16 T01 01PB  
No. of Circuits: 102:2, 114:14  
Insulator Material: 16: PA66 Transparent  
Plating: T01: Tin plated

Circuits	Dimensions		Circuits	Dimensions	
	A	B		A	B
2	5.08	10.16	9	40.64	45.72
3	10.16	15.24	10	45.72	50.80
4	15.24	20.32	11	50.80	55.88
5	20.32	25.40	12	55.88	60.96
6	25.40	30.48	13	60.96	66.04
7	30.48	35.56	14	66.04	71.12
8	35.56	40.64			

F					<b>TOLERANCE</b> X. X ±0.30 X. XX ±0.20 X. XXX ±0.10 Angle ±2°	<b>TITLE:</b> MX5.08 DIP 90° Wafer curved back	DRAWN: Arvin 2020.03.24		<b>KONNRA</b> 东莞市康瑞电子有限公司 DongGuan Konnra Electronics Co., Ltd.			
							CHECKED:					
								APPROVED:		PART NO. : C5081RDxxx16T01PB		
	<b>MARK</b>	<b>REVISION DESCRIPTION</b>	<b>SIGNATURE</b>	<b>DATE</b>			<b>UNIT: mm</b>	<b>SCALE: N/A</b>	<b>SHEET: 1/1</b>	<b>PROJECTION</b>	<b>REV. : A1</b>	<b>DRAWING NO. : 5081WR101-B-S</b>
	1	2	3	4	5	6	7	8	9			

RoHS  
COMPLIANT



Recommended P.C.B. Layout  
Total tolerance:±0.05mm

**SPECIFICATIONS**

1. Current rating: 7A AC, DC
2. Voltage rating: 250V AC, DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ/ min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 20mΩ/ max.

**Material:**

Insulator: PA66 UL94 V-2  
Contact: Brass  
Plating: Tin plated over Nickel  
Mates With KR5081 Series Housing

**Ordering Code:**

C5081VD xxx 16 T01 01PB  
No. of Circuits 102:2, 114:14  
Insulator Material 16: PA66 Transparent  
Plating T01: Tin plated

Circuits	Dimensions		Circuits	Dimensions	
	A	B		A	B
2	5.08	10.16	9	40.64	45.72
3	10.16	15.24	10	45.72	50.80
4	15.24	20.32	11	50.80	55.88
5	20.32	25.40	12	55.88	60.96
6	25.40	30.48	13	60.96	66.04
7	30.48	35.56	14	66.04	71.12
8	35.56	40.64			

MARK	REVISION	DESCRIPTION	SIGNATURE	DATE
A3				
A2				
A1				

<b>TOLERANCE</b>	<b>TITLE:</b>	<b>DRAWN:</b> Arvin 2020.03.24
X. X ±0.30	MX5.08 DIP 180°	<b>CHECKED:</b>
X. XX ±0.20	Wafer curved back	<b>APPROVED:</b>
X. XXX ±0.10		
Angle ±2°	<b>UNIT:</b> mm	<b>SHEET:</b> 1/1
	<b>SCALE:</b> N/A	<b>PROJECTION:</b>

<b>DRAWN:</b> Arvin 2020.03.24		<b>KONNRA</b> 东莞市康瑞电子有限公司	
<b>CHECKED:</b>		DongGuan Konnra Electronics Co., Ltd.	
<b>APPROVED:</b>		PART NO. : C5081VDxxx16T01PB	
<b>REV. :</b> A1	<b>DRAWING NO. :</b> 5081WW101-B-S		