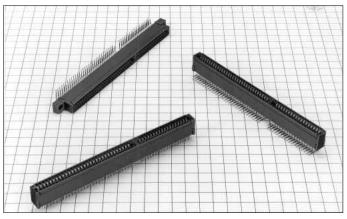
# ISA Bus (AT bus)

### MCR60 Series



#### Features

- 1. Standard Compliant with ISA bus (AT bus) standard
- 2. Connector Type The contact pitch is 2.54mm, and the connector has 98 contacts.
- **3. Board Mounting Type** Straight through hole, right angle through hole types are available.
- 4. Prevents mis-insertion in the board

Using the polarizing key prevents mis-insertion in the printed board.

Manual soldering: 350°C for 3 seconds

#### ■Product Specifications

Rating	Current rating: 3A Voltage rating: 300V AC	Operating Temperature Range: -30 to +85°C (Note 1) Operating Humidity Range: 40 to 80%		Storage Temperature Range: -10 to +60°C (Note 2) Storage Humidity Range: 40 to 70% (Note 2)	
Item	Specification		Condition		
1.Insulator Resistance	1000M ohms min.		500V DC		
2.Withstanding Voltage	No flashover or insulation breakdown.		1000V AC/1 minute.		
3.Contact Resistance	30m ohms max.		100mA		
4.Vibration	No electrical discontinuity of 10µs or more		Frequency: 10 to 55 Hz, single amplitude of 0.75 mm, 2 hours in each of the 3 directions.		
5.Humidity(Steady state)	Insulation resistance : 1000M ohms min.		96 hours at temperature of $40^\circ\!C$ and humidity of 90% to 95%		
6.Temperature Cycle	emperature Cycle No damage, cracks, or parts looseness.		(-65℃ : 30 minutes→15 to 35℃: 5 minutes max.→ 125℃ : 30 minutes→15 to 35℃: 5 minutes max.) 5 cycles		
7.Durability (Mating/un-mating)	Contact resistance : 30m ohms max.		500 cycles		

Note 1: Includes temperature rise caused by current flow.

8.Resistance to Soldering heat | No deformation of components affecting performance. |

Note 2: The term "storage" refers to product stored for long period of time prior to mounting and use. Operating Temperature Range and Humidity range covers non conducting condition of installed connectors in storage, shipment or during transportation.

Note 3. Information contained in this catalog represents general requirements for this Series. Contact us for the drawings and specifications for a specific part number shown.

#### Material

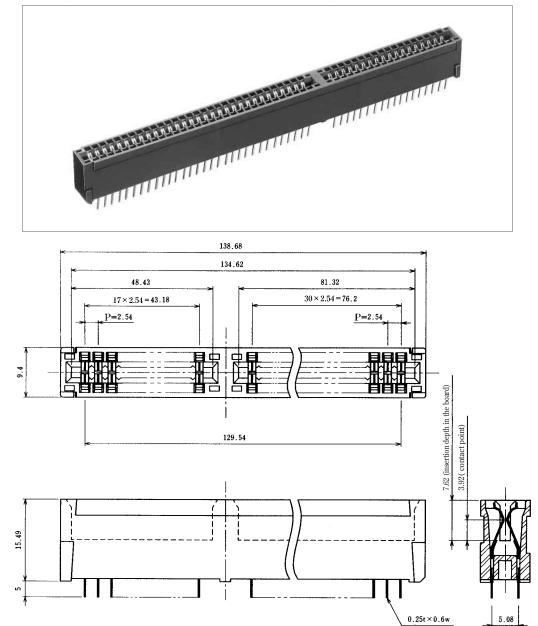
Parts	Material	Finish		Remarks
Insulator	PBT	Black		UL94V-0
Contact	Copper alloy	Contact area	Selective gold plated	
		Lead area	Tin plated	

## Ordering Information

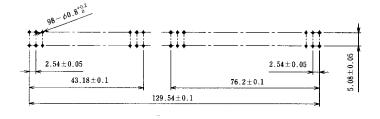
	Μ	<b>CR60</b>	Α -	· 98	D	-	2.54	DS
		0	2	3	4		6	6
0	Series Name	: MCR60				6	Contact pit	tch : 2.54mm
2	Mold Type	A: Without	mounting	g hole		6	Contact typ	pe :
		Blank: With	Mountir	ng hole			DS : Stra	ight type
3	Number of cont	tacts : 98					DSA : Righ	nt bent and right angle type
4	Contact alignm	ent : D : D	ouble sid	е			DSB : Left	bent and right angle type

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information. All non-Rohwick devices describes described (Artill bediscontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

## Straight Through hole Type without mounting hole

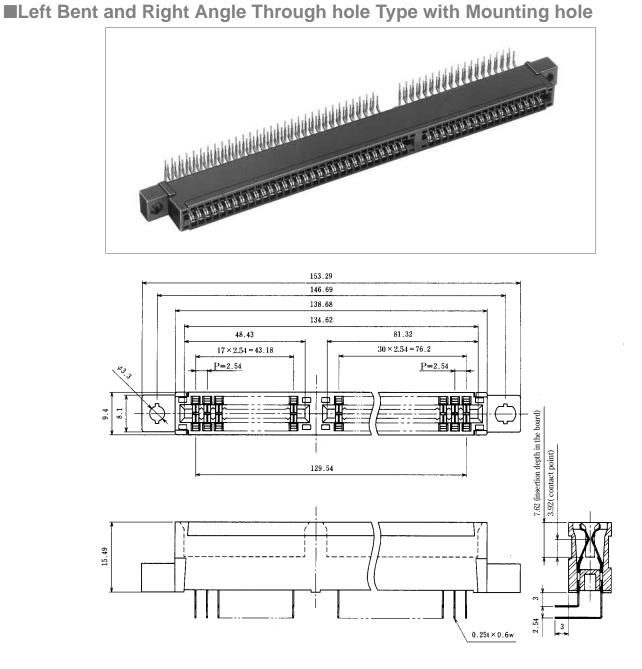


● PCB mounting pattern

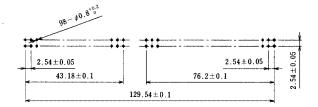


Part Number	CL No.	RoHS
MCR60A-98D-2.54DS(70)	CL548-0112-5-70	YES

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information. All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connec**ime: Ro**OSEPters Ors Alinese safes report to the products status on the Hirose website RoHS search at www.hirose-connecime: RoOSEPters Ors Alinese safes report to the products status on the Hirose website RoHS search at www.hirose-connecime: RoOSEPters Ors Alinese safes report to the products status on the Hirose website RoHS search at www.hirose-connecime: RoOSEPters Ors Alinese safes report to the products status on the Hirose website RoHS search at www.hirose-connecime: RoOSEPters Ors Alinese safes report to the products status on the Hirose website RoHS search at www.hirose-connecime: RoOSEPters Ors Alinese safes report to the products status on the Hirose website RoHS search at www.hirose-connecime: RoOSEPters Ors Alinese safes report to the product status on the Hirose website RoHS search at www.hirose-connecime: RoOSEPters Ors Alinese safes report to the product status on the Hirose website RoHS search at www.hirose-connecime: RoOSEPters RoOSEPters at the product status on the Hirose safes report to the product status on the Hirose safes report to the product status on the Hirose safes report to the product status on the Hirose safes report to the product status on the Hirose safes report to the product status on the Hirose safes report to the product status on the Hirose safes report to the product status on the Hirose safes report to the product status on the Hirose safes report to the product status on the Hirose safes report to the product status on the Hirose safes report to the product status on the Hirose safes report to the product status on the Hirose safes report to the product status on the Hirose



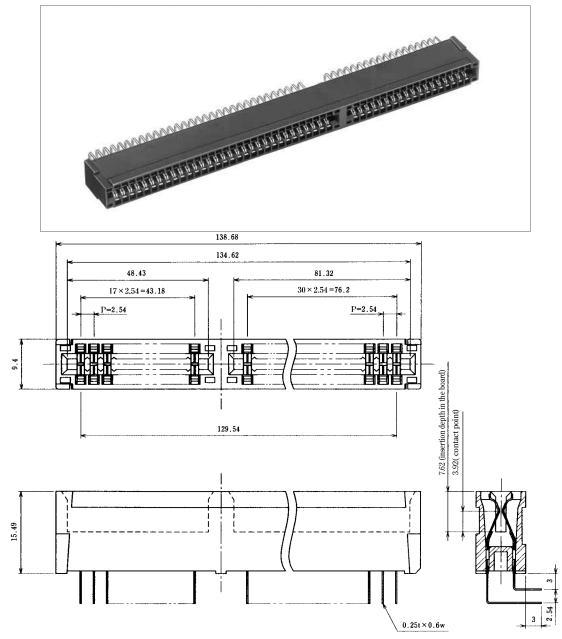
## ●PCB mounting pattern



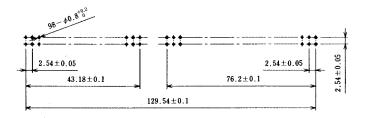
Part Number	CL No.	RoHS
MCR60-98D-2.54DSB(70)	CL548-0178-3-70	YES

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information. All non-Rolfworkets seveness desartinged (Artilibus) continued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

## ■Right Bent and Right Angle Through hole Type without Mounting hole



● PCB mounting pattern



Part Number	CL No.	RoHS
MCR60A-98D-2.54DSA(70)	CL548-0148-2-70	YES

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information. All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connec**ime: R60** Septest ors AirBissal Areneses tative.

## ♦ PCB Dimensions

