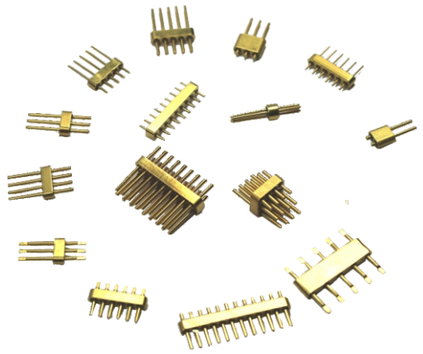
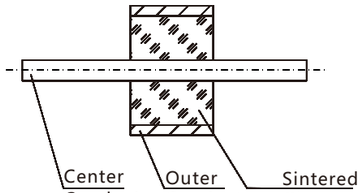
Introdction



Glass to Metal Hermetic RF/DC Feedthroughs /Seals/ Multi-pin Headers /Connector is also called Glass insulator. They are mainly used to transmit microwave signals, power signals and control signals between modules and modules, modules and components with gas sealing requirements. They are one of the most critical components in sealing components. The glass with low dielectric constant and low dielectric loss is used as insulating and supporting material. The housing and conductor is made of Kovar alloy that sintered under high temperature, and the surface is gold plated. The center conductor has a variety of termination styles such as gold wire bonding, soldering and mating etc. Glass insulators are small, lightweight, hermetic, high reliable and have been widespread in electronics manufacturing industries in recent years.

Structure

Glass insulator is composed of three parts: outer conductor/shell, glass medium and center conductor/pin.
Its basic structure is shown in the figure.



Reliability Requirements

(**1) Hermeticity**: ≤1.01325×10-³Pa·cm³/s;

(2) Salt spray (corrosion): according to the relevant provisions of military standards, glass insulators should not expose base metal on their interface after testing, and there should be no serious corrosion and spot phenomenon;

(3) Temperature shock: according to the relevant provisions of military standards, glass insulators should be free of appearance or mechanical damage after testing. The dielectric voltage withstanding of the connector, the contact resistance of the central contactor and the voltage standing wave ratio should meet the requirements of the corresponding clauses.

Quality Requirements

The glass insulators produced by Xi'an Elite Electronic(ELT) have the advantages of stable quality and high reliability. They have been widely used in electronics packages, electronics countermeasures, satellites, missiles, radar and other national key projects for many years.

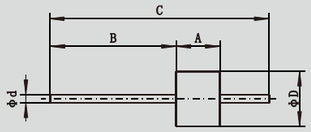
Note:
All dimensions are mm
Custom dimensions are also available for a wide range of military, avionics, aerospace and automotive applications.

50Ω RF M Seires

Specification	
Impedance	50Ω
Frequency	0.04GHz～50GHz
VSWR	≤1.2
Insulation	≥2000MΩ

Specification	
Withstand Voltage	≥300V
Temperature	-65℃～+260℃
Hermeticity	≤1.01325×10⁻³Pa·cm³/s
Material	Kovar 4J29 ,Glass: 7052 / 7070 / DM308

M Standard Series



Model No.	A	B	C	d	D	Termination
M1710	1	2.7	6.2	0.23	1.7	M/S
M1710-1	1	0.3	2.8	0.23	1.7	M/S
M1720	2	2	6	0.25	1.7	M/S
M1714-1	1.4	0.3	2	0.25	1.7	M/S
M2016	1.6	1.8	8	0.3	2	M/S
M2016B	1.6	4.6	20.4	0.3	2	M/S
M2016C	1.6	1	4.1	0.3	2	M/S
M2020	2	2	6	0.3	2	M/S
M2025	2.5	1.5	6	0.3	2	M/S
M2014	1.4	1.9	8	0.3	2	M/S
M2008	0.8	2.6	6	0.3	2	M/S
M2035	3.5	1.8	6.6	0.3	2	M/S
M2016E	1.6	1.8	5.2	0.3	2	M/S
M2016A	1.6	2.4	12	0.3	2	M/S
M2014A	1.4	0.26	1.92	0.3	2	M/S
M2035A	3.5	1.3	7.1	0.3	2	M/S
M2008-1	0.8	0.26	1.32	0.3	2	M/S
M2035B	3.5	3	9.5	0.3	2	M/S
M2014-1	1.4	1.5	4.4	0.3	2	M/S
M3012-0.3	1.2	1.5	6.7	0.3	2	M/S
M2030	3	2	8	0.3	2	M/S
M2008-3	0.8	2.6	5.4	0.3	3	M/S
M2035C	3.5	1.3	6.65	0.3	2	M/S
M2016-1	1.6	1	3.6	0.3	2	M/S
M2014-2	1.4	1	4.4	0.3	2	M/S
M2006	0.6	2	3.2	0.3	2	M/S
M1914	1.4	1.2	3.8	0.3	1.9	M/S
M2012	1.2	1.8	6	0.3	2	M/S
M2016-2	1.6	1.8	8	0.3	2	M/S
M2014-4	1.4	0.36	2.12	0.3	2	M/S
M1918	1.8	2	5.8	0.3	1.9	M/S
M2014-5	1.4	1.8	5.7	0.3	2	M/S
M1918-1	1.8	4.2	7.8	0.3	1.9	M/S

Model No.	A	B	C	d	D	Termination
M1914-4	1.4	2	4.4	0.3	1.9	M/S
M2030-1	3	1	5.8	0.3	2	M/S
M4414	1.4	1.1	3.2	0.3	4.4	M/S
M2516-8	1.6	2.14	7.5	0.3	2.5	M/S
M1914A	1.4	1.1	3.2	0.3	1.9	M/S
M2018	1.75	1	3.45	0.3	1.9	M/S
M2016-3	1.6	1.8	4.6	0.3	2	M/S
M2516-14	1.6	1.8	8	0.3	2.5	M/S
M2018-2	1.8	1	3.5	0.3	2	M/S
M2020-3	2	5	12	0.3	2	M/S
M2030-3	3	1.5	9	0.3	2	M/S
M2018-3	1.8	1	3.5	0.3	1.95	M/S
M2020-4	2	2.8	5.6	0.3	2	M/S
M2020-5	2	2.9	5.7	0.3	2	M/S
M2020-6	2	0.4	3.4	0.3	2	M/S
M2025-1	2.5	0.9	4.8	0.3	2	M/S
M2010-5	1	1.2	3.2	0.3	2	M/S
M2014-11	1.4	1.9	5.5	0.3	2	M/S
M2008-9	0.8	1.2	3.6	0.3	2	M/S
M2010-1-JH	1	0.5	2	0.3	2	BB
M2010-2-JH	1	0.5	2.5	0.3	2	BB
M2020-7-JH	2	0.8	3.6	0.3	2	BB
M2010-4-JH	1	0.5	3.5	0.3	2	LB
M2006-1-JH	0.6	1.8	3.1	0.3	2	RB
M2035D-JH	3.5	1.8	6.4	0.3	2	RB
M2530	3	0.4	8	0.38	2.5	M/S
M2530A	3	3	9	0.38	2.5	M/S
M2516B	1.6	1.4	7.1	0.38	2.5	M/S
M2535	3.5	2	7.5	0.38	2.5	M/S
M2516C	1.6	1.2	5.3	0.38	2.5	M/S
M2516D	1.6	1.3	6.1	0.38	2.5	M/S
M2516N	1.6	1.6	5.1	0.38	2.5	M/S
M2533	3.3	1.2	6.5	0.38	2.5	M/S

Note: S=Soldering, M=Mating, BB=Both end bonding
LB=Left end bonding, RB=Right end bonding

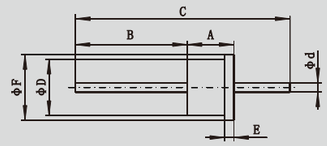
M Standard Series

Model No.	A	B	C	d	D	Termination
M2530-6	3	2	8	0.38	2.5	M/S
M2520-4	2	2	6	0.38	2.5	M/S
M2545-1	4.5	1.3	8	0.38	2.5	M/S
M2575	7.5	1.3	12	0.38	2.5	M/S
M2516-17	1.6	2	5.6	0.38	2.5	M/S
M2530-9	3	4	20	0.38	2.5	M/S
M2530-10	3	0.3	3.6	0.38	2.5	M/S
M2530-11	3	1.5	7.5	0.38	2.5	M/S
M2516-19	1.6	1.2	4.8	0.38	2.5	M/S
M2530-2-JH	3	2.5	7.5	0.38	2.5	BB
M2540	4	1.8	11	0.39	2.5	M/S
M2537	3.7	2	7.7	0.39	2.5	M/S
M2516-1	1.6	1.2	4.5	0.39	2.5	M/S
M2520	2	5	12	0.39	2.5	M/S
M2550	5	2	11	0.39	2.5	M/S
M2520-3	2	1.4	7.4	0.39	2.5	M/S
M2520-6	2	1.4	7.8	0.39	2.5	M/S
M2516	1.6	4.6	8	0.4	2.5	M/S
M2516A	1.6	5	11.6	0.4	2.5	M/S
M2530B	3	8.2	13.9	0.4	2.5	M/S
M2516E	1.6	1.5	4.9	0.4	2.5	M/S
MB2530B	5.8	6	14.8	0.4	2.5	M/S
M2816	1.6	1.8	8	0.45	2.8	M/S
M2843	4.3	2	8.3	0.45	2.8	M/S
M2916	1.6	2	5.6	0.45	2.8	M/S
M2816-1	1.6	1.8	4.9	0.45	2.8	M/S
M2816-3	1.6	1.8	6.2	0.45	2.8	M/S
M2816-4	1.6	2	5.6	0.45	2.8	M/S
M2816-5	1.6	5	11.6	0.45	2.8	M/S
M2816-7	1.6	1.5	5.1	0.45	2.8	M/S
M2816-DN	1.6	4.6	8	0.45	2.8	M/S
M2916-3	1.6	1.5	4.6	0.45	2.8	M/S
M2815-5	1.5	1.25	5.75	0.45	2.8	M/S
M2816-12	1.6	2	5.4	0.45	2.8	M/S
M2816-6-JH	1.6	7.6	11.7	0.45	2.8	RB
M2816-1-JH	1.6	1.8	4.9	0.45	2.8	BB
M2816-11-JH	1.6	1.5	6	0.45	2.8	BB
M3020	2	2.3	6.5	0.5	3	M/S
M3020A	2	4.3	8.5	0.5	3	M/S
M3020B	2	4	10	0.5	3	M/S
M3047	4.7	5.1	12	0.5	3	M/S
M3020C	2	6	12	0.5	3	M/S
M3030	3	3	12	0.5	3	M/S
M3020D	2	1.5	10	0.5	3	M/S
M3020E	2	2.2	7.5	0.5	3	M/S
M3020F	2	4	10	0.5	3	M/S
M3045	4.5	2	8.5	0.5	3	M/S
M3050	5	2	9	0.5	3	M/S
M3030A	3	2	7.5	0.5	3	M/S
M3030B	3	2	6.5	0.5	3	M/S

Model No.	A	B	C	d	D	Termination
M3057	5.7	3	12.5	0.5	3	M/S
M3030C	3	1.8	8.8	0.5	3	M/S
M3015	1.5	0.8	4.3	0.5	3	M/S
M3020G	2	1.8	5	0.5	3	M/S
M3016-1	1.6	1.5	14.3	0.5	3	M/S
M3020-3	2	1.8	6.8	0.5	3	M/S
M3030-3	3	2	10	0.5	3	M/S
M3035	3.5	1	6	0.5	3	M/S
M3035-1	3.5	4	11.5	0.5	3	M/S
M3016-2	1.6	1.5	4.6	0.5	3	M/S
M3030-5	3	3	12	0.5	3	M/S
M3016	1.6	1.5	4.6	0.5	3	M/S
M3020-5	2	2	8	0.5	3	M/S
M3030-6	3	1.8	6.6	0.5	3	M/S
M3620	2	2.5	9	0.5	3.6	M/S
M3030-7	3	2	12	0.5	3	M/S
M3030A-JH	3	2	7.5	0.5	3	BB
M3020D-JH	2	1.5	10	0.5	3	LB
M3216-JH	1.6	1.5	7.1	0.5	3.2	LB
M3616	1.6	1.6	12.2	0.6	3.6	M/S
M3625	2.5	2	6.5	0.6	3.6	M/S
M5065	6.5	3	15.5	0.8	5	M/S
M5065-1	6.5	3	13.7	0.8	5	M/S
M5040	4	3	12	0.8	5	M/S
M5060	6	2.5	11.5	0.8	5	M/S
M5240	4	5	27	0.8	2.5	M/S
M5030	3	2	17.2	0.8	5	M/S
M5010	1	2.45	5.9	0.8	5	M/S
M5525	2.5	5	16	0.9	5.5	M/S
M5530	3	2.8	13.8	0.9	5.5	M/S
M5516	1.6	2.8	13.8	0.9	5.5	M/S
M5530A	3	2.3	9.6	0.9	5.5	M/S
M5530B	3	2.3	8.8	0.9	5.5	M/S
M5516-2	1.6	2.8	11.9	0.9	5.5	M/S
M5516-3	1.6	2	12.6	0.9	5.5	M/S
M5516-4	1.6	2.8	9.1	0.9	5.5	M/S
M5516-5	1.6	2.8	8.9	0.9	5.5	M/S
M5516-6	1.6	2.8	8.7	0.9	5.5	M/S
M5516-7	1.6	2.8	8.5	0.9	5.5	M/S
M5516-8	1.6	2.8	8.3	0.9	5.5	M/S
M6840	4	1.5	7	0.9	6.8	M/S
M5525-1	2.5	1.6	9.7	0.9	5.5	M/S
M8330	3	5	13	1.3	8.3	M/S
M8710	4	3.2	8.4	1.38	8.7	M/S
M9430	3	3	9	1.5	9.4	M/S
M9430-1	3	4	11	1.5	9.4	M/S
M9640	4	3.2	9.2	1.5	9.6	M/S
M10050	5	5	15	1.7	10	M/S
M130100	10	4	18	3	13	M/S

Note: S=Soldering, M=Mating, BB=Both end has gold wire bonding surface.
LB=Left end has bonding surface, RB=Right end has bonding surface

M Non-standard Series



Model No.	A	B	C	d	D	E	F	Termination
M3025A	2.5	6	11.5	0.5	3	0.5	3.5	M/S
M2635	3.5	1.3	7.1	0.3	2	1.2	2.6	M/S
M3020-4-JH	2	0.3	3.4	0.5	3	0.5	3.5	BB
M3822	2.2	3.7	14.4	0.5	3	0.25	3.8	M/S

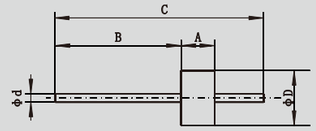
Model No.	A	B	C	d	D	E	F	Termination
M2330	3	0.3	5.3	0.23	1.5	1.5	2.3	M/S
M2015-1	1.5	1.2	5.2	0.3	2	0.5	2.8	M/S
M2015-2	1.5	1.2	7.2	0.3	2	0.5	2.8	M/S

DC K Seires

Specification	
Insulation	≥2000MΩ
Withstand Voltage	≥300V

Specification	
Temperature	−65℃～+260℃
Hermeticity	≤1.01325×10⁻³Pa·cm³/s
Material	Kovar 4J29 ,Glass: 7052 / 7070 / DM308

K Standard Series



Model No.	A	B	C	d	D	Termination
K1515-0.38	1.5	1.5	5	0.4	1.5	S
K1615-0.38	1.5	1.9	8	0.4	1.6	S
K1515-0.38-2-JH	1.5	0.5	4.5	0.4	1.5	BB
K1616-0.4	1.6	14.2	30	0.4	1.6	S
K1616-0.45	1.6	4	16	0.45	1.6	S
K2020-0.45	2	4	10	0.45	2	S
K1616-0.45-1	1.6	14.2	30	0.45	1.6	S
K1614-0.45-2	1.4	5	11.4	0.45	1.6	S
K2020-0.45-2	2	3	6.3	0.45	2	S
K1616-0.45-3	1.6	1.05	4.65	0.45	1.6	S
K2016-0.5	1.6	5.8	12	0.5	2	S
K1616-0.5	1.6	14.2	30	0.5	1.6	S
K1619-0.5	1.9	2	5.1	0.5	1.6	S
K2018-0.5	1.8	7.2	11.5	0.5	2	S
K2030-0.5	3	2	10	0.5	2	S
K2015-0.5	1.5	3	7.5	0.5	2	S
K2018-0.5A	1.8	1.5	9.5	0.5	2	S
K1614-0.5A	1.4	4	9	0.5	1.6	S
K1615-0.5-JH	1.5	0.5	7	0.5	1.6	BB
K1619-0.5-1-JH	1.9	3	8.7	0.5	1.6	BB
K1619-0.5-2-JH	1.9	4.6	10.3	0.5	1.6	BB
K2016-0.5-JH	1.6	5.8	12	0.5	2	BB

Model No.	A	B	C	d	D	Termination
K1614-0.5B-JH	1.4	0.5	17.9	0.5	1.6	LB
K1615-0.5-1-JH	1.5	2.5	9	0.5	1.6	LB
K2044-0.5-JH	4.4	0.4	6.3	0.5	2	BB
K2016-0.5-2-JH	1.6	0.6	4.5	0.5	2	BB
K1919-0.6-JH	1.9	1.9	7.9	0.6	1.9	BB
K1919-0.6	1.9	1.9	7.9	0.6	1.9	S
K2040-0.6	4	1	6	0.6	2	S
K2040-0.6-1-JH	4	1.5	10	0.6	2	RB
K2016-0.7	1.6	15.1	17	0.7	2	S
K2016-0.7A	1.6	5	11.6	0.7	2	S
K2016-0.7B	1.6	1.5	7.1	0.7	2	S
K2016-0.7C	1.6	0.3	20	0.7	2	S
K2016-0.7D	1.6	4	9.6	0.7	2	S
K2016-0.0.7E	1.6	1.5	4.6	0.7	2	S
K1818-0.7	1.8	0.4	22.2	0.7	1.8	S
K2035-0.7	3.5	3	13	0.7	2	S
K2017-0.7	1.7	3	9.7	0.7	2	S
K2016-0.7-1	1.6	1.5	7.6	0.7	2	S
K2016-0.7-2	1.6	1.5	6.3	0.7	2	S
K2016-0.7F-JH	1.6	5	9.1	0.7	2	RB
K2035-0.7-1-JH	3.5	3	22	0.7	2	LB
K1818-0.7C	1.8	6	10	0.7	1.8	S

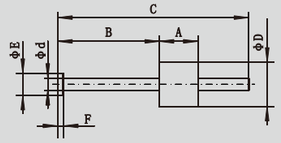
Note: S=Soldering, M=Mating, BB=Both end has bonding surface
LB=Left end has bonding surface, RB=Right end has bonding surface

K Standard Series

Model No.	A	B	C	d	D	Termination
K2016-0.7B-JH	1.6	1.5	7.1	0.7	2	Bonding on left flattened side
K2020-0.75	2	4	12	0.75	2	S
K2516-0.8	1.6	1.5	10	0.8	2.5	S
K2540-0.8	4	4	10	0.8	2.5	S
K3218-0.8	1.8	20	51.8	0.8	3.2	S
K2518-0.8	1.8	5	12.8	0.8	2.5	S
K2015-0.8	1.5	3	6.5	0.8	2	S
K2015-0.8A	1.5	3	10.5	0.8	2	S
K2520-0.8	2	4	14	0.8	2.5	S

Model No.	A	B	C	d	D	Termination
K2015-0.8-JH	1.5	3	6.5	0.8	2	BB
K2530-0.9	3	1.8	6.6	0.9	2.5	S
K2816-1.0	1.6	2	6.6	1	2.8	S
K2816-1.0-2-JH	1.6	4.9	10.3	1	2.8	BB
K3218-1	1.8	15	27	1	3.2	S
K3015-1.3	1.5	3	10.5	1.3	3	S
K3015-1.3-1	1.5	6.1	10.2	1.3	3	S
K3430-1.4	3	4.5	10.5	1.4	3.4	S
K12540	4	3	10	1.7	12.9	S
K3916-2.0	1.6	2	6.6	2	3.9	S

K Non-standard Series



Model No.	A	B	C	d	D	E	F	Termination
K1614-0.45	1.4	1.5	6.9	0.45	1.6	0.8	0.2	S
K1620-0.45-JH	2	1	7	0.45	1.6	1	0.3	Nail Head Bonding
K1614-0.45-JH	1.4	0.8	6.2	0.45	1.6	0.8	0.3	Nail Head Bonding
K1616-0.45-5-JH	1.4	1.5	4.2	0.45	1.6	0.8	0.3	Nail Head Bonding
K1614-0.45A-JH	1.4	1.5	6.9	0.45	1.6	0.8	0.2	Nail Head Bonding

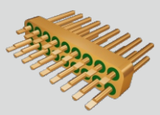
Model No.	A	B	C	d	D	E	F	Termination
K1630-0.5-JH	3	0.5	7.5	0.5	1.6	0.6	0.2	Nail Head Bonding
K1630-0.5	3	0.5	7.5	0.5	1.6	0.6	0.2	S
K1630-0.5-1-JH	3	0.5	10.5	0.5	1.6	0.6	0.2	Nail Head Bonding
K1816-0.5-JH	1.6	0.5	20	0.5	1.8	0.7	0.3	Nail Head Bonding

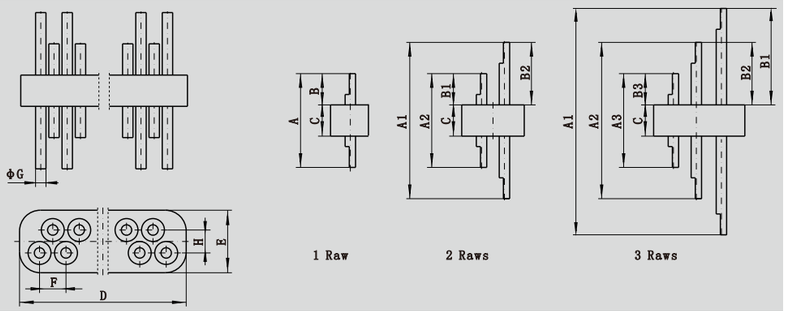
Multi-pin Header MC Series

Specification	
Insulation	≥1000MΩ
Withstand Voltage	≥300V

Specification	
Temperature	−65℃～+260℃
Hermeticity	≤1.01325×10⁻³Pa·cm³/s
Material	Kovar 4J29 ,Glass: 7052 / 7070 / DM308

MC Standard Series





Model No.	A	B	C	D	E	F	G	H	Pin No.	Row No.	Termination	Note
MC-273	8	1.9	1.5	3	1.5	1.27	0.4	0	2	1	S	
MC-273-Y1	8	1.9	1.5	3	1.5	1.27	0.4	0	2	1	S	192-hour Salt Spray Test

Note: S=Soldering, BB=Both end has bonding surface

MC Standard Series

Model No.	A	B	C	D	E	F	G	H	Pin No.	Row No.	Termination	Note
MC-520-JH	7.7	1.2	1.5	3.8	1.5	2.1	0.5	0	2	1	Bonding on the upper flattened side	
MC-570	4.5	0.5	1.5	3.15	1.5	1.27	0.38	0	2	1	S	
MC-661	9.5	4	1.5	3	1.5	1.27	0.4	0	2	1	S	
MC-788-JH	10	1.2	1.2	3	1.6	1.4	0.5	0	2	1	Bonding on the upper end	
MC-804-JH	7.1	1.5	1.6	3.3	2	1.27	0.5	0	2	1	Bonding on the upper flattened side	
MC-837	5.5	2	1.5	5	2.5	2.54	0.8	0	2	1	S	
MC-895	13.5	4	1.5	3	1.5	1.27	0.5	0	2	1	S	
MC-244	9.3	5	1.5	4.2	1.5	1.27	0.5	0	3	1		
MC-244-JH	9.3	5	1.5	4.2	1.5	1.27	0.5	0	3	1	Bonding on the lower flattened side	Soldering on the upper flattened side
MC-246	9.3	3.5	3	6.9	1.5	2.54	0.6	0	3	1	S	
MC-274	8	1.9	1.5	4.2	1.5	1.27	0.4	0	3	1	S	
MC-274-JH	8	1.9	1.5	4.2	1.5	1.27	0.4	0	3	1	Bonding on the upper end	
MC-291	9.3	5	1.5	4.2	2	1.27	0.5	0	3	1		
MC-578	9.4	2.8	1.6	7.3	2	2.54	0.6	0	3	1		
MC-594	11.5	4	3.5	6.9	2	2.54	0.5	0	3	1		
MC-660	9.5	4	1.5	4.2	1.5	1.27	0.4	0	3	1		
MC-789-JH	10	1.2	1.2	4.14	1.6	1.27	0.5	0	3	1	Bonding on the upper end	
MC-812-JH	4.5	1.5	1.5	4.2	1.5	1.27	0.5	0	3	1	Bonding on both flattened side	
MC-850-JH	2.9	0.8	1.6	2.6	1.5	0.6	0.3	0	3	1	Bonding on both end	
MC-955-JH	6.6	0.5	1.5	4.2	1.5	1.27	0.4	0	3	1	Bonding on the upper end	
MC-1014	7	2	3	4	1.5	0.9	0.3	0	3	1	S	
MC-1022-JH	6.3	0.4	4.4	4.2	1.5	1.27	0.5	0	3	1	Bonding on both end	
MC-1024-JH	7.3	0.5	3.5	2.6	1.5	0.6	0.3	0	3	1	Bonding on both end	
MC-241	9.3	3.5	3	9.3	1.5	2.54	0.6	0	4	1	S	
MC-242	9.3	5	1.5	5.5	1.5	1.27	0.5	0	4	1	S	
MC-284	10.6	3.5	1.6	2.5	2.5	0.71	0.38	0.71	4	2	S	Full Radius
MC-404-JH	A1=5 A2=3.6	B1=1.7 B2=1	1.6	2	2	0.57	0.3	0.56	4	2	Bonding on both flattened side	Full Radius
MC-455	14	5	2	10.5	2.5	2.54	0.6	0	4	1	S	
MC-533-JH	8	4.6	1.5	5.5	1.5	1.27	0.4	0	4	1	Bonding on both end	
MC-577	9.4	2.8	1.6	9.8	2	2.54	0.6	0	4	1	S	
MC-579	8.5	3	1.5	5.5	2	1.27	0.5	0	4	1	S	
MC-598-JH	A1=7.6 A2=6.9	B1=2.5 B2=1.8	1.6	2.5	2.5	0.71	0.4	0.71	4	2	Bonding on the upper flattened side	Full Radius
MC-609-JH	A1=5 A2=3.6	B1=1.7 B2=1	1.6	2	2	0.57	0.3	0.57	4	2	Bonding on both flattened side	Full Radius
MC-662	9.5	4	1.5	5.5	1.5	1.27	0.4	0	4	1	S	
MC-677-JH	4.5	1.5	1.5	5.5	1.5	1.27	0.5	0	4	1	Bonding on both flattened side	
MC-354	8	1	3	2.9	1.5	1.27	0.5	0	2	1	S	
MC-354-JH	8	1	3	2.9	1.5	1.27	0.5	0	2	1	Bonding on the upper end	
MC-499-JH	7	0.5	1.5	3	1.5	1.27	0.5	0	2	1	Bonding on both end	
MC-515-JH	5.5	0.5	2.5	5	2.5	2.27	0.38	0	2	1	Bonding on both end	

Note: S=Soldering

MC Standard Series

Model No.	A	B	C	D	E	F	G	H	Pin No.	Row No.	Termination	Note
MC-790-JH	10	1.2	1.2	5.41	1.6	1.27	0.5	0	4	1	Bonding on the upper end	
MC-809T-JH	5.7	1.7	1.5	5.5	1.5	1.27	0.5	0	4	1	Bonding on the upper flattened side	
MC-824-JH	8	1.1	3	5.6	1.6	1.27	0.45	0	4	1	Bonding on the upper end	
MC-207	8	1.9	1.5	6.58	1.5	1.27	0.38	0	5	1	S	
MC-245	9.3	3.5	3	11.9	1.5	2.54	0.6	0	5	1	S	both side flattened
MC-289	9.3	5	1.5	6.9	1.5	1.27	0.5	0	5	1	S	
MC-793	7.5	3	2	11.9	1.5	2.54	0.6	0	5	1	S	
MC-897	13.5	4	1.5	6.9	1.5	1.27	0.5	0	5	1	S	
MC-556T	A1=5.8 A2=5.1	B1=2 B2=1.3	1.5	4.3	3	1.27	0.5	1.5	5	2	S	upper side flattened
MC-791-JH	10	1.2	1.2	4.14	2.7	1.27	0.5	1.1	5	2	Bonding on the upper end	
MC-340	7.5	3	3	9.4	1.5	1.27	0.5	0	7	1	Bonding on the lower end	
MC-340-JH	7.5	3	3	9.4	1.5	1.27	0.5	0	7	1	Bonding on the lower end	
MC-460-JH	5.6	3	1.6	9.4	1.5	1.27	0.5	0	7	1	Bonding on the lower end	
MC-525-JH	7	0.5	1.5	9.4	1.5	1.27	0.5	0	7	1	Bonding on both end	
MC-543-JH	20	0.5	3	9.4	1.5	1.27	0.5	0	7	1	Bonding on the upper end	
MC-574-JH	7.6	0.9	1.6	9.4	1.5	1.27	0.5	0	7	1	Bonding on the upper end	
MC-742-JH	4.5	1.5	1.5	5.7	3	1.27	0.5	1.3	7	2	Bonding on both end	
MC-792-JH	10	1.2	1.2	5.41	2.7	1.27	0.5	1.1	7	2	Bonding on the upper end	
MC-587	9.6	4	1.6	19.8	2	2.54	0.7	0	8	1	S	
MC-774-JH	2.9	0.8	1.6	5.6	1.5	0.6	0.3	0	8	1	Bonding on both end	Gold Plating ≥3μm
MC-783-JH	27.2	0.8	1.4	6	1.8	0.6	0.3	0	8	1	Bonding on the upper end	Gold Plating ≥3μm
MC-786-JH	3.6	1	1.6	10.5	1.6	1.27	0.45	0	8	1	Bonding on both end	Gold Plating ≥3μm
MC-798T-JH	6.6	2	1.6	17	2.3	2.1	0.7	0	8	1	Bonding on the upper flattened side	
MC-903-JH	2.9	0.8	1.6	5.6	1.5	0.6	0.3	0	8	1	Bonding on both end	Gold Plating ≥3μm
MC-900	7.5	2	1.5	10.5	1.6	1.27	0.45	0	8	1	S	
MC-900-JH	7.5	2	1.5	10.5	1.6	1.27	0.45	0	8	1	Bonding on the upper end	
MC-911	8	3	1.6	8.5	1.5	1	0.3	0	8	1	S	
MC-970-JH	7.6	2	1.5	10.5	1.5	1.27	0.5	0	8	1	Bonding on the upper flattened side	
MC-1002	9.6	4	1.6	19.8	2	2.54	0.5	1.1	8	1	S	
MC-530-JH	7.6	1	1.6	5.5	2.8	1.07	0.5	0	8	2	Bonding on the upper end	
MC-149	6	1.5	1.5	12	1.5	1.27	0.5	0	9	1	S	
MC-159	4.5	1.5	1.5	12	1.5	1.27	0.5	0	9	1	S	
MC-160	5.1	1.8	1.5	12	1.5	1.27	0.5	0	9	1	S	
MC-250	4.5	1.5	1.5	11.5	2	1.27	0.3	0	9	1	S	
MC-265	8	4	1.5	12	1.5	1.27	0.5	0	9	1	Bonding on the lower end	
MC-265-JH	8	4	1.5	12	1.5	1.27	0.5	0	9	1	Bonding on the lower end	
MC-271	8	3	1.5	22.5	1.5	2.54	0.6	0	9	1	S	
MC-420T-JH	5.8	2.5	1.5	12	1.5	1.27	0.5	0	9	1	Bonding on the lower flattened side	
MC-420T1	9	1.5	1.5	12	1.5	1.27	0.5	0	9	1	S	
MC-484	14.5	3	1.5	12	1.5	1.27	0.5	0	9	1	S	
MC-616	6	3	1.5	12	1.5	1.27	0.3	0	9	1	S	

Note: S=Soldering

MC Standard Series

Model No.	A	B	C	D	E	F	G	H	Pin No.	Row No.	Termination	Note
MC-773-JH	6	1.5	1.6	11.7	1.6	1.27	0.45	0	9	1	Bonding on the upper flattened side	
MC-785-JH	6	1	1.6	11.7	1.6	1.27	0.45	0	9	1	Bonding on the upper end	
MC-920-JH	8	2.5	1.5	12	1.5	1.27	0.5	0	9	1	Bonding on the upper flattened side	
MC-557T	A1=5.8 A2=5.1	B1=2 B2=1.3	1.5	6.8	3	1.27	0.5	1.5	9	2	S	Upper side flattened
MC-434-JH	6.5	1.75	1.5	13.2	1.5	1.27	0.5	0	10	1	Bonding on the upper flattened side	
MC-481-JH	6	3	2.5	13.2	1.5	1.27	0.5	0	10	1	Bonding on both end	
MC-500-JH	5.6	4	1.6	13.2	1.5	1.27	0.5	0	10	1	Bonding on the lower end	
MC-621	11.5	6	3.5	13.2	2	1.27	0.5	0	10	1	S	
MC-990	10.6	2	1.6	13.2	1.5	1.27	0.5	0	10	1	S	
MC-332	A1=7 A2=6	B1=3 B2=2	2	7	1.5	1.27	0.6	1.5	10	2	Bonding on both flattened side	
MC-697-JH	7.5	3	1.5	8.1	1.5	0.635	0.45	0	11	1	Bonding on both flattened side	
MC-880	5.5	1.5	1.5	14.5	1.5	1.27	0.5	0	11	1		
MC-941	13	5	3	22.1	2	2	0.6	0	11	1		
MC-458-JH	4.5	0.5	1.5	8.2	3	1.27	0.5	1.3	11	2	Bonding on the upper end	
MC-251	6	3	1.5	15.7	1.5	1.27	0.5	0	12	1		
MC-418T-JH	4.7	2.5	1.5	15.7	1.5	1.27	0.5	0	12	1	Bonding on the lower flattened side	
MC-418T3	9	1.5	1.5	15.7	1.5	1.27	0.5	0	12	1	S	
MC-483	14.5	3	1.5	15.7	1.5	1.27	0.5	0	12	1	S	
MC-784-JH	6	1	1.6	15.5	1.6	1.27	0.45	0	12	1	Bonding on the upper end	Gold Plating ≥3μm
MC-787-JH	6	1.5	1.6	15.5	1.6	1.27	0.45	0	12	1	Bonding on the upper flattened side	Gold Plating ≥3μm
MC-822-JH	5.8	1.8	1.5	15.7	1.5	1.27	0.5	0	12	1	Bonding on the upper flattened side	
MC-173	A1=9.5 A2=7.5 A3=5.5	B1=4 B2=3 B3=2	1.5	5.5	4.5	1.27	0.5	1.5	12	3	S	
MC-549T-JH	5.8	2	1.5	19.5	1.5	1.27	0.5	0	15	1	Bonding on the upper flattened side	
MC-550T1-JH	A1=6.8 A2=6.1	B1=2 B2=1.3	2.5	11.8	3	1.27	0.5	1.5	15	2	Bonding on the upper flattened side	
MC-172	A1=9.3 A2=8	B1=2.8 B2=1.5	1.5	12	3	1.27	0.5	1.5	18	2	S	Both side flattened
MC-673-JH	10.8	5	3	12.2	3	1.27	0.6	1.5	18	2	Bonding on the lower flattened side	
MC-687-JH	A1=3.8 A2=5.2	B1=1 B2=1.7	1.8	7.4	2.54	0.88	0.38	1.02	16	2	Bonding on both flattened side	

Note: S=Soldering