

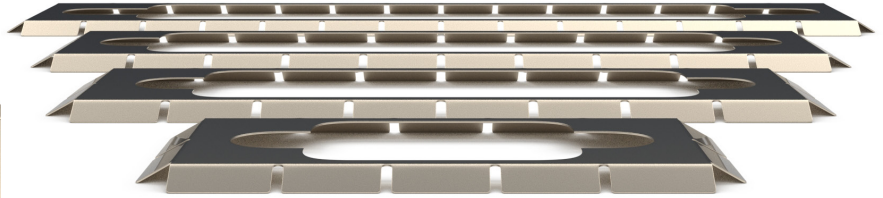
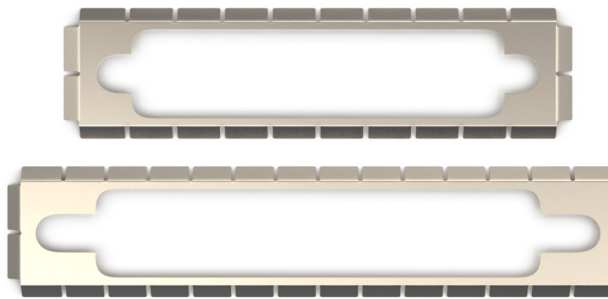


Tech Etch Metal EMI Solutions

Micro-D Connector Gaskets



RoHS
COMPLIANT



Tech Etch's Micro-D Connector Gaskets are engineered to work seamlessly with MIL-DTL-83513 microminiature connectors. Available in 10 configurations, these gaskets are compatible with both plug and socket versions of the connectors.

Request a fast quote for Micro-D Connector Gaskets. Requests for standard product will be answered within 24 hours.



[Request a Quote](#)

MATERIAL AND FINISH OPTIONS

Tech Etch offers our Micro D Metal Gaskets in beryllium copper and stainless steel. For beryllium copper parts, standard plating options include tin and electroless nickel, with additional finishes available upon request to suit specific applications.

TECHNICAL AND WARRANTY INFORMATION

All technical data provided is based on rigorous testing and is considered accurate and reliable. However, as these products are not designed to conform to mutually accepted specifications or specific use cases, Tech Etch does not guarantee outcomes, patent infringement immunity, or suitability for any particular application.

STATEMENT IN LIEU OF WARRANTY

Tech Etch stands by its products with robust technical support and a commitment to quality. The company will replace any products proven to be defective. No statements or recommendations made by Tech Etch, outside of those explicitly outlined in an official agreement signed by an officer of the company, shall be deemed enforceable. Customers are encouraged to conduct product testing to ensure performance aligns with their requirements.

SPECIFICATIONS

SHIELDING EFFECTIVENESS: 80 - 115 dB
FREQUENCY RANGE: 20MHz - 10GHz

CONSTRUCTION: BeCu or Stainless Steel
RECOMMENDED COMPRESSION: 20-40% of gasket height.

MATERIAL CHARACTERISTICS



Very comfortable
to irregular surfaces



Eliminates any
gap problem



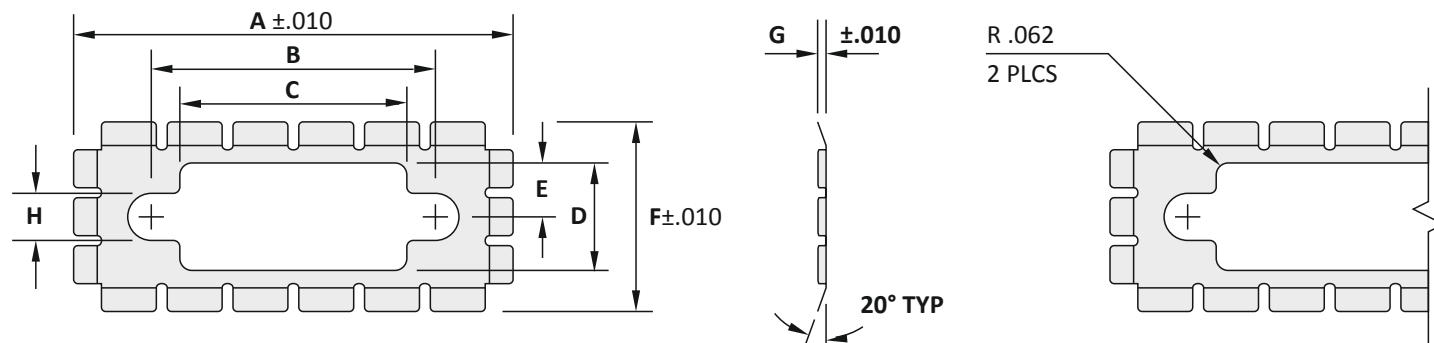
High Cycle



Designed for
MIL-DTL 83513
Connectors



SIZES



TEPN/ CATALOG	TYPE	A (overall)		B (c to c hole)		C (inside width)		D (opening height)		E (opening top/CTL)		F (overall height)		G (free height)		Material
		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
9MD10-02	9 Pin	0,983	24,97	0,565	14,35	0,430	10,92	0,276	7,01	0,138	3,51	0,479	12,17	0,025	0,64	BeCu
9MD12-02	9 Pin	0,983	24,97	0,565	14,35	0,430	10,92	0,276	7,01	0,138	3,51	0,479	12,17	0,025	0,64	SS
15MD10-02	15 Pin	1,133	28,78	0,715	18,16	0,580	14,73	0,276	7,01	0,138	3,51	0,479	12,17	0,025	0,64	BeCu
15MD12-02	15 Pin	1,133	28,78	0,715	18,16	0,580	14,73	0,276	7,01	0,138	3,51	0,479	12,17	0,025	0,64	SS
21MD10-02	21 Pin	1,283	32,59	0,865	21,97	0,730	18,54	0,276	7,01	0,138	3,51	0,479	12,17	0,025	0,64	BeCu
21MD12-02	21 Pin	1,283	32,59	0,865	21,97	0,730	18,54	0,276	7,01	0,138	3,51	0,479	12,17	0,025	0,64	SS
25MD10-02	25 Pin	1,351	34,32	0,965	24,51	0,820	20,83	0,276	7,01	0,138	3,51	0,479	12,17	0,025	0,64	BeCu
25MD12-02	25 Pin	1,351	34,32	0,965	24,51	0,820	20,83	0,276	7,01	0,138	3,51	0,479	12,17	0,025	0,64	SS
31MD10-02	31 Pin	1,533	38,94	1,115	28,32	0,960	24,38	0,276	7,01	0,138	3,51	0,479	12,17	0,025	0,64	BeCu
31MD12-02	31 Pin	1,533	38,94	1,115	28,32	0,960	24,38	0,276	7,01	0,138	3,51	0,479	12,17	0,025	0,64	SS
37MD10-02	37 Pin	1,683	42,75	1,265	32,13	1,130	28,70	0,276	7,01	0,138	3,51	0,479	12,17	0,025	0,64	BeCu
37MD12-02	37 Pin	1,683	42,75	1,265	32,13	1,130	28,70	0,276	7,01	0,138	3,51	0,479	12,17	0,025	0,64	SS
51MD10-02	51 Pin	1,633	41,48	1,215	30,86	1,080	27,43	0,320	8,13	0,160	4,06	0,523	13,28	0,025	0,64	BeCu
51MD12-02	51 Pin	1,633	41,48	1,215	30,86	1,080	27,43	0,320	8,13	0,160	4,06	0,523	13,28	0,025	0,64	SS
69MD10-02	69 Pin	1,933	49,10	1,515	38,48	1,380	35,05	0,320	8,13	0,160	4,06	0,523	13,28	0,025	0,64	BeCu
69MD12-02	69 Pin	1,933	49,10	1,515	38,48	1,380	35,05	0,320	8,13	0,160	4,06	0,523	13,28	0,025	0,64	SS
100MD10-02	100 Pin	2,335	59,31	1,800	45,72	1,515	38,48	0,358	9,09	0,179	4,55	0,561	14,25	0,025	0,64	BeCu
100MD12-02	100 Pin	2,335	59,31	1,800	45,72	1,515	38,48	0,358	9,09	0,179	4,55	0,561	14,25	0,025	0,64	SS
130MD10-02	130 Pin	2,568	65,23	2,150	54,61	1,819	46,20	0,358	9,09	0,179	4,55	0,561	14,25	0,025	0,64	BeCu
130MD12-02	130 Pin	2,568	65,23	2,150	54,61	1,819	46,20	0,358	9,09	0,179	4,55	0,561	14,25	0,025	0,64	SS

*H dimension is .124 in. (3.15mm) for 9 pin through 69 pin gaskets and .148 in. (3.76mm) for the 100 and 130 pin gaskets

PROPERTIES

Finish Type	Specifications	Tech Etch Finish Code
Bright Finish	As Heat Treated	02
Bright Tin	ASTM B-545	08
Satin Tin/Matte Tin	ASTM B-545	16
Electroless Bright Nickel ROHS	ASTM B-733	18

INNOVATING A BETTER WORLD, ONE PART AT A TIME.



45 Aldrin Road, Plymouth, MA 02360
 shielding@techetch.com | 508.747.0300
 Registered: ISO13485:2016 ISO9001:2015 AS9100D

For additional
 information
 about Tech Etch
 please call
 or visit our
 web page by
 scanning the
 QR code



www.techetch.com