

# Quietshield™ Fabric-over-Foam I/O & Waved Metal Gaskets

## Specifications

**Material** ..... Beryllium Copper, CA 172  
(per QQ-C-533)

**Finish** ..... STD: Electro tin plate, 100 micro inches (per MIL-T-10727)

For RoHS: Nickel - change last 2 p/n digits to - NI  
For Hi-Rel: Gold - change last 2 p/n digits to - AU

**Material Thickness** ..... .005" (.13mm) compressed

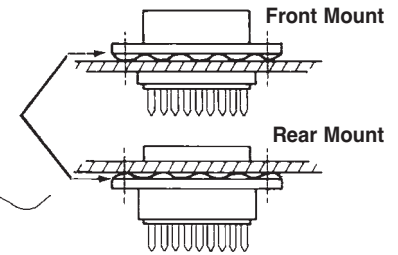
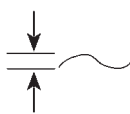
**Wave Height** ..... .030" +.020/- .015  
(.76+.51/- .38mm)

**Length increase when flattened** ..... 0.008" (.20mm) per inch



### Waved Metal Grounding/Shielding Gasket (shown in free state)

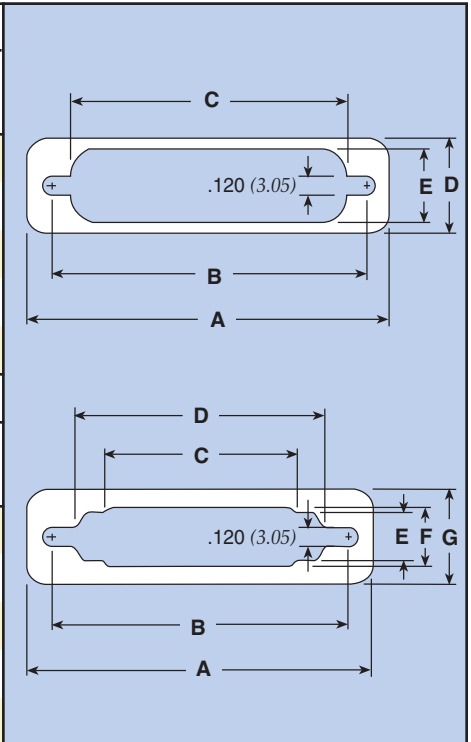
Wave Height



## Waved Metal Gaskets (Select part number by filling in "xxx": 572019-00xxx-70)

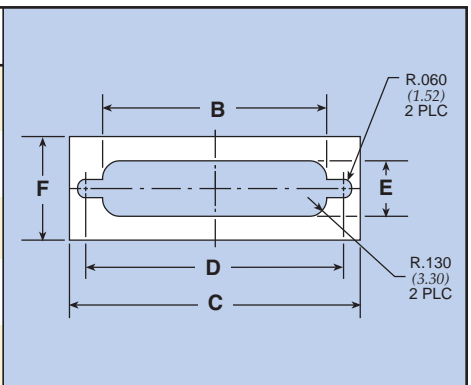
Mounting: Front mounted pin or socket connector, rear mounted pin connector.						
Shell Size	A ±.020 (0.51)	B ±.020 (0.51)	C ±.020 (0.51)	D ±.020 (0.51)	E ±.005 (0.13)	"xxx"
9	1.213 (30.81)	.984 (24.99)	.777 (19.74)	.600 (15.24)	.440 (11.18)	100
15	1.541 (39.14)	1.312 (33.32)	1.105 (28.07)	.600 (15.24)	.440 (11.18)	101
25	2.088 (53.04)	1.852 (47.04)	1.645 (41.78)	.600 (15.24)	.440 (11.18)	102
37	2.729 (69.32)	2.500 (63.50)	2.293 (58.24)	.600 (15.24)	.440 (11.18)	103
50	2.635 (66.93)	2.406 (61.11)	2.190 (55.63)	.710 (18.03)	.550 (13.97)	104

Mounting: Rear mounted socket connectors only.								
Shell Size	A ±.020 (0.51)	B ±.020 (0.51)	C ±.020 (0.51)	D ±.020 (0.51)	E ±.005 (0.13)	F ±.005 (0.13)	G ±.020 (0.51)	"xxx"
9	1.213 (30.81)	.984 (24.99)	.450 (11.43)	.660 (16.76)	.324 (8.23)	.360 (9.14)	.600 (15.24)	105
15	1.541 (39.14)	1.312 (33.32)	.670 (17.02)	.988 (25.10)	.324 (8.23)	.360 (9.14)	.600 (15.24)	106
25	2.088 (53.04)	1.852 (47.04)	1.110 (28.19)	1.528 (38.81)	.324 (8.23)	.360 (9.14)	.600 (15.24)	107
37	2.729 (69.32)	2.500 (63.50)	1.550 (39.37)	2.176 (55.27)	.324 (8.23)	.360 (9.14)	.600 (15.24)	108
50	2.635 (66.93)	2.406 (61.11)	1.550 (39.37)	2.082 (52.88)	.436 (11.07)	.470 (11.94)	.710 (18.03)	109



## Fabric-over-Foam I/O Gaskets

Shell Size	Thickness	Dimensions						Fabric Type	Part Number
		A	B	C	D	E	F		
1	0.012							nonwoven	57F01-D112-1275
	0.040	0.746 (18.95)	1.213 (30.81)	0.984 (24.99)	0.400 (10.16)	0.750 (19.05)			
	0.070								
2	0.012							woven	57F11-D140-1275
	0.040	1.074 (27.28)	1.541 (39.14)	1.312 (33.32)	0.400 (10.16)	0.750 (19.05)			
	0.070								
3	0.012							nonwoven	57F01-D212-1575
	0.040	1.614 (41.00)	2.088 (53.04)	1.852 (47.04)	0.400 (10.16)	0.750 (19.05)			
	0.070								
4	0.012							woven	57F11-D240-1575
	0.040	2.266 (57.56)	2.720 (69.09)	2.500 (63.50)	0.400 (10.16)	0.750 (19.05)			
	0.070								
5	0.012							nonwoven	57F01-D312-2075
	0.040	2.158 (54.81)	2.63 (66.80)	2.406 (61.11)	0.500 (12.70)	0.850 (21.59)			
	0.070								



Dimensions in inches (mm)