

CLIP-ON SERIES

The Clip-On Gaskets are used in enclosures, shielded cabinets, and on circuit cards as ESD contacts and EMI gaskets. For edge mount applications, close attention must be given to clip size, lance requirements, deflection parameters and finger configuration. Leader Tech provides application assistance in the development of specifications.

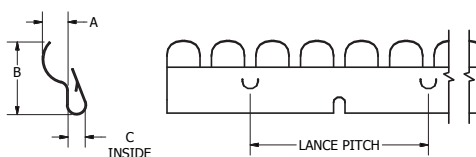
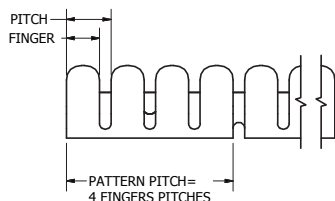
C Clip-On													Black = inches Blue = mm Comp = Compressed									
PART NUMBER	A		B		C		FINGER		PITCH		MATERIAL THICK		COMP WIDTH		COMP HEIGHT		LANCE START		LANCE PITCH		FINGERS	LANCE
10-30CD-XX-16	0.10	2.54	0.30	7.62	0.07	1.78	0.135	3.43	0.182	4.62	0.005	0.13	0.33	8.38	0.05	1.27	0.341	8.66	0.728	18.49	88	D
10-30CT-XX-16	0.10	2.54	0.30	7.62	0.07	1.78	0.135	3.43	0.182	4.62	0.005	0.13	0.33	8.38	0.05	1.27	0.341	8.66	0.728	18.49	88	T
11-45CD-XX-16	0.11	2.79	0.45	11.43	0.07	1.78	0.147	3.73	0.193	4.90	0.005	0.13	0.47	11.94	0.06	1.52	0.267	6.78	0.748	19.00	84	D
11-45CT-XX-16	0.11	2.79	0.45	11.43	0.07	1.78	0.147	3.73	0.193	4.90	0.005	0.13	0.47	11.94	0.06	1.52	0.651	16.54	1.352	34.34	84	T



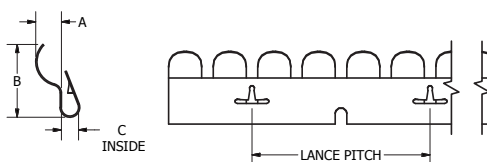
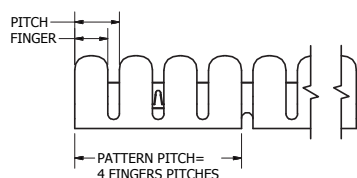
■ Clip

XX - Select material/finish (see page 6)

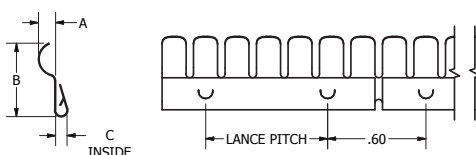
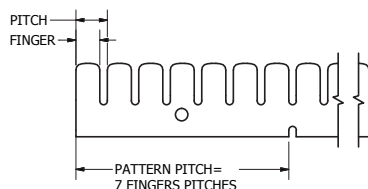
10-30CD



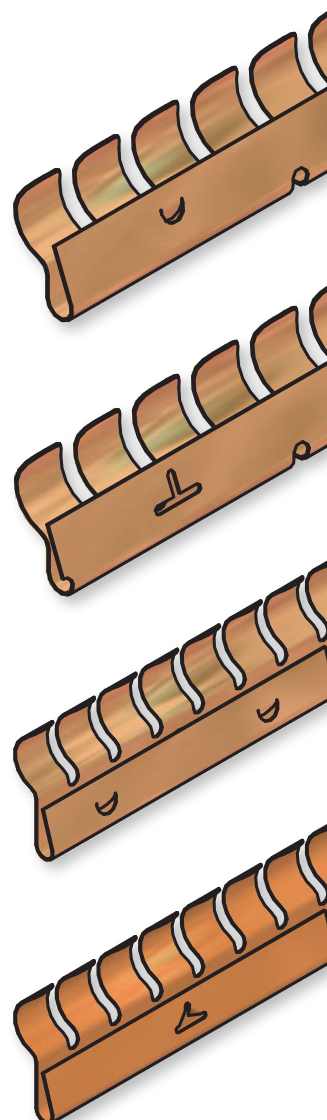
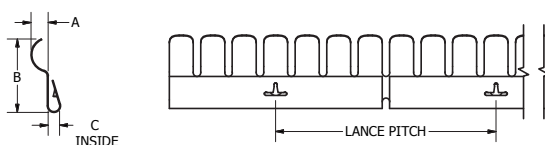
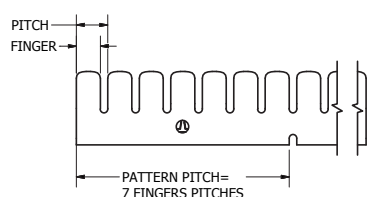
10-30CT



11-45CD



11-45CT



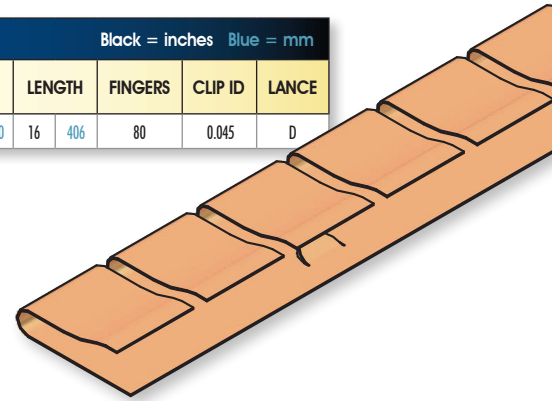
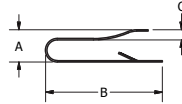
CLIP-ON SERIES CONT.

C Mini-Clip																			Black = inches Blue = mm			
PART NUMBER	A		B		C		FINGER		PITCH		MATERIAL THICK		LANCE START		LANCE PITCH		LENGTH		FINGERS	CLIP ID	LANCE	
7-21C-045-DL-XX-16	0.07	1.78	0.25	6.35	0.03	0.76	0.170	4.32	0.200	5.08	0.003	0.076	0.49	12.45	1.00	25.40	16	406	80	0.045	D	



■ Clip

XX - Select material/finish (see page 6)



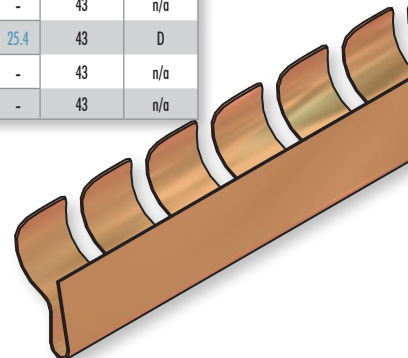
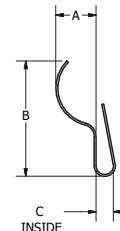
C Clip-On												Black = inches Blue = mm Comp = Compressed											
Part Number	A		B		C		Finger		Pitch		Material Thick		Comp Width		Comp Height		Lance Start		Lance Pitch		Fingers	Lance	
10-30C-045-XX-16	0.10	2.54	0.30	7.62	0.05	1.27	0.140	3.560	0.187	4.750	0.005	0.127	0.33	8.38	0.05	1.27	-	-	-	-	86	n/a	
10-30C-050-XX-16	0.10	2.54	0.30	7.62	0.05	1.27	0.140	3.560	0.187	4.750	0.005	0.127	0.33	8.38	0.05	1.27	-	-	-	-	86	n/a	
10-30C-065-XX-16	0.10	2.54	0.30	7.62	0.07	1.78	0.140	3.560	0.187	4.750	0.005	0.127	0.33	8.38	0.05	1.27	-	-	-	-	86	n/a	
10-30C-070-XX-16	0.10	2.54	0.30	7.62	0.07	1.78	0.140	3.560	0.187	4.750	0.005	0.127	0.33	8.38	0.05	1.27	-	-	-	-	86	n/a	
10-30C-045-DL-XX-16	0.10	2.54	0.30	7.62	0.05	1.27	0.140	3.560	0.187	4.75	0.005	0.127	0.33	8.38	0.05	1.27	0.5	12.7	1	25.4	86	D	
10-30C-050-DL-XX-16	0.10	2.54	0.30	7.62	0.05	1.27	0.140	3.560	0.187	4.750	0.005	0.127	0.33	8.38	0.05	1.27	0.5	12.7	1	25.4	86	D	
10-30C-065-DL-XX-16	0.10	2.54	0.30	7.62	0.07	1.78	0.140	3.560	0.187	4.750	0.005	0.127	0.33	8.38	0.05	1.27	0.5	12.7	1	25.4	86	D	
10-30C-070-DL-XX-16	0.10	2.54	0.30	7.62	0.07	1.78	0.140	3.560	0.187	4.750	0.005	0.127	0.33	8.38	0.05	1.27	0.5	12.7	1	25.4	86	D	
11-45C-045-XX-16	0.11	2.79	0.45	11.43	0.05	1.27	0.140	3.560	0.187	4.750	0.005	0.127	0.47	11.94	0.06	1.52	-	-	-	-	86	n/a	
11-45C-050-XX-16	0.11	2.79	0.45	11.43	0.05	1.27	0.140	3.560	0.187	4.750	0.005	0.127	0.47	11.94	0.06	1.52	-	-	-	-	86	n/a	
11-45C-065-XX-16	0.11	2.79	0.45	11.43	0.07	1.78	0.140	3.560	0.187	4.750	0.005	0.127	0.47	11.94	0.06	1.52	-	-	-	-	86	n/a	
11-45C-070-XX-16	0.11	2.79	0.45	11.43	0.07	1.78	0.140	3.560	0.187	4.750	0.005	0.127	0.47	11.94	0.06	1.52	-	-	-	-	86	n/a	
11-45C-045-DL-XX-16	0.11	2.79	0.45	11.43	0.05	1.27	0.140	3.560	0.187	4.750	0.005	0.127	0.47	11.94	0.06	1.52	0.5	12.7	1	25.4	86	D	
11-45C-050-DL-XX-16	0.11	2.79	0.45	11.43	0.05	1.27	0.140	3.560	0.187	4.750	0.005	0.127	0.47	11.94	0.06	1.52	0.5	12.7	1	25.4	86	D	
11-45C-065-DL-XX-16	0.11	2.79	0.45	11.43	0.07	1.78	0.140	3.560	0.187	4.750	0.005	0.127	0.47	11.94	0.06	1.52	0.5	12.7	1	25.4	86	D	
11-45C-070-DL-XX-16	0.11	2.79	0.45	11.43	0.07	1.78	0.140	3.560	0.187	4.750	0.005	0.127	0.47	11.94	0.06	1.52	0.5	12.7	1	25.4	86	D	
25-109C-070-XX-16	0.25	6.35	1.09	27.69	0.07	1.78	0.340	8.640	0.375	9.530	0.005	0.127	1.27	32.26	0.08	2.03	-	-	-	-	43	n/a	
25-109C-070-DL-XX-16	0.25	6.35	1.09	27.69	0.07	1.78	0.340	8.640	0.375	9.530	0.005	0.127	1.27	32.26	0.08	2.03	0.5	12.7	1	25.4	43	D	
25-S-109C-070-XX-16	0.25	6.35	1.09	27.69	0.07	1.78	0.340	8.640	0.375	9.530	0.003	0.076	1.27	32.26	0.08	2.03	-	-	-	-	43	n/a	
25-S-109C-070-DL-XX-16	0.25	6.35	1.09	27.69	0.07	1.78	0.340	8.640	0.375	9.530	0.003	0.076	1.27	32.26	0.08	2.03	0.5	12.7	1	25.4	43	D	
25-109C-120-XX-16	0.25	6.35	1.09	27.69	0.12	3.05	0.340	8.640	0.375	9.530	0.005	0.127	1.27	32.26	0.08	2.03	-	-	-	-	43	n/a	
25-109C-130-XX-16	0.25	6.35	1.09	27.69	0.13	3.30	0.340	8.640	0.375	9.530	0.005	0.127	1.27	32.26	0.08	2.03	-	-	-	-	43	n/a	



■ Clip

Consult factory for optional clip sizes and optional lance features.

XX - Select material/finish (see page 6)



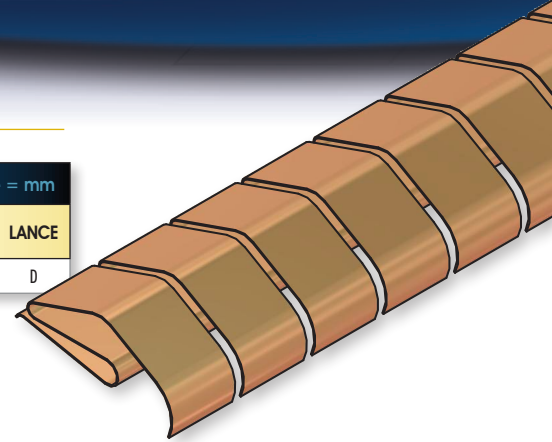
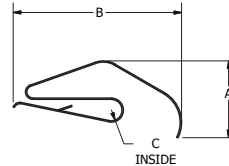
CLIP-ON SERIES CONT.

CPS Clip-On												Black = inches Blue = mm				
PART NUMBER	A		B		C		FINGER		PITCH		MATERIAL THICK		LENGTH		FINGERS/STRIP	LANCE
25-55CPS-XX-16	0.25	6.35	0.55	13.97	0.04	1.02	0.220	5.59	0.250	6.35	0.004	0.101	16	406	64	D

XX - Select material/finish (see page 6)

Perpendicular Shielding Gaskets

- Finger design allows for continuous contact across the length of the strip
- "D" lance provides superior retention of gasket to the mounting surface
- 0.80 D-clip is retained with .100 D-hole

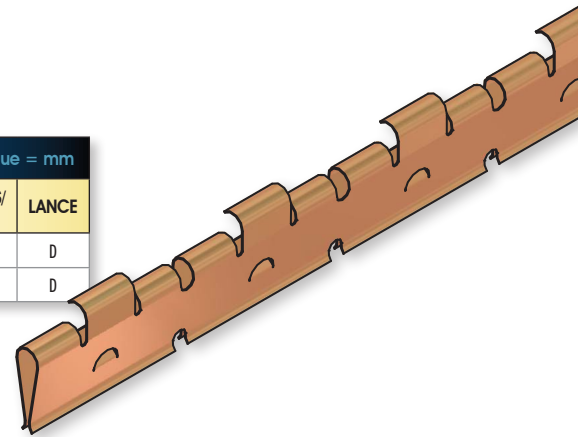
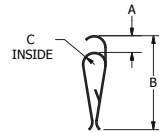


CPG Clip-On												Black = inches Blue = mm				
PART NUMBER	A		B		C		FINGER		PITCH		MATERIAL THICK		LENGTH		FINGERS/STRIP	LANCE
6-31CPG-XX-12	0.06	1.52	0.31	7.87	0.04	1.016	0.500	12.70	0.545	13.84	0.004	0.101	12	305	22	D
6-31CPG-XX-16	0.06	1.52	0.31	7.87	0.04	1.016	0.500	12.70	0.545	13.84	0.004	0.101	16	406	29	D

XX - Select material/finish (see page 6)

Perpendicular Electrical Grounding Strips

- Finger extension provides grounding from card or PCB to a backplane housing surface
- Wide clip-on area with "D" lance offers reliable retention
- .0035 material offers significant resiliency



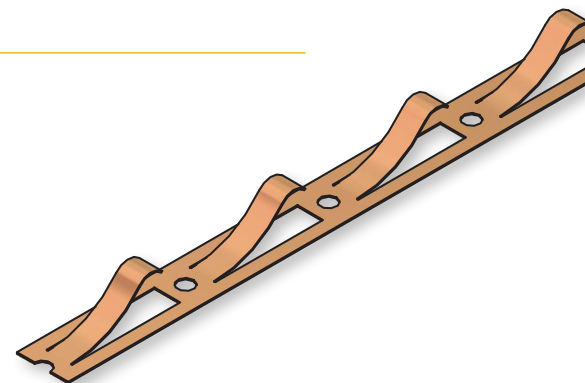
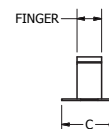
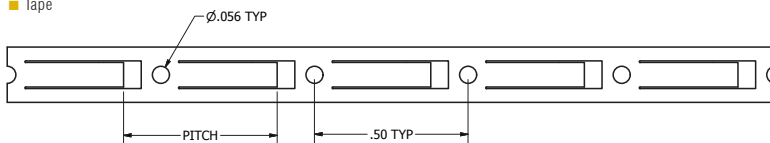
GROUNDING SERIES

ML Gasket										Black = inches Blue = mm			
PART NUMBER	A		B		C		FINGER		PITCH	MATERIAL THICK		FINGERS	
14-18ML-XX-16	0.14	3.56	0.28	7.11	0.18	4.57	0.080	2.03	0.500	12.70	0.005	0.11	32
14-18ML-XX-24	0.14	3.56	0.28	7.11	0.18	4.57	0.080	2.03	0.500	12.70	0.005	0.11	48

XX - Select material/finish (see page 6)

MOUNTING OPTIONS

■ Tape



ORDERING INFORMATION

When placing an order or requesting a quotation, please give part number, your required finish I.D. from the chart below, and required length.

PART NUMBER EXAMPLE:		
Stock Item	Finish Code	Length
11-S-32RH	– SN –	16

The above example is the "Slot Mount Series" gasket shown on page 11. The height is .11 inch and the width is .32 inch. The "-S-" indicates a soft gasket. The "SN" indicates a bright tin finish. See list below for available finishes. This part is available in lengths of 16 inches. Consult factory for custom lengths or for availability in 25' coils.

Available Plating Finishes:		
Finish Type	Applicable Specifications	Leader Tech Finish Code
Bright Finish	-	BD
Bright Tin	ASTM B-545, CLASS A	SN
Satin/Matte Tin	ASTM B-545, CLASS A	ST
Tin Lead	ASTM B-579, SC2	SNpb
Electro-less Nickel RoHS	ASTM B-733, SC 1, CLASS 1	NI
Zinc/Chromate Clear	ASTM B-633, SC1, TYPE III	Zinc
Zinc/Chromate Yellow	ASTM B-633, SC1, TYPE II	ZincY
Clear Cadmium Chromate	ASTM B-766, CLASS 5, TYPE III	CDC
Yellow Cadmium Chromate	ASTM B-766, CLASS 5, TYPE II	CDY
Bright Silver	ASTM B-700, TYPE 2, GRADE B, CLASS N	AG
Satin/Matte Silver	ASTM B-700, TYPE 2, GRADE A, CLASS N	MAG
Gold	ASTM B-488, TYPE I, CODE C, CLASS 1.25	AU
Solderable Unplated	-	SU

Standard plating finish is .0001 inch (.0025 mm) minimum. Plating processes and thicknesses may be varied to meet customer needs. Standard plating finish for gold is 0.00005 inches. See adjacent list of available finishes and consult factory for additional options.

ADHESIVE MOUNTING OF FINGERSTOCK GASKETS

Leader Tech tape mounted CuBe gaskets offer pressure-sensitive, double-sided adhesive for strong bonding to a wide variety of surface conditions. Ideal for all-purpose contact strips used in metal cabinets and electronic enclosures and is unaffected by temperatures from -67 to +250°F (-55 to 121°C)

Simply follow these four easy steps:

1. Remove all grease and oily residue with a solvent such as isopropyl alcohol/water mixture (rubbing alcohol) or heptane. Dry and smooth the mounting surface with emery cloth if necessary.
2. Peel off the protective paper backing from the pressure sensitive adhesive tape.
3. Place the gasket in correct position. Press firmly to ensure a good bond to surface. Avoid repositioning, which might impair the effectiveness of the adhesive or may bend or kink the strip. NOTE: On strips where fingers cover the solid portion of the gasket, pressure may be applied by inserting a mandrel in the strip and pressing down.
4. At room temperature approximately 50% of the ultimate strength will be achieved after 20 minutes, 90% after 24 hours, and 100% after 72 hours. In some cases, bond strength can be increased and ultimate bond strength can be achieved more quickly by exposure of the bond to elevated temperature, e.g., 150°F (66°C) for 1 hour.