107-098
ArmorLite Single-Layer ESD Grounding Strap
Light Duty, Low Profile

LIGHT DUTY LOW PROFILE ESD GROUNDING STRAP

How To Order				
Sample Part Number	**107-098**	**-A**	**-12**	**-6**
Grounding Strap	Single layer light duty ArmorLite			
Material	**A** = ArmorLite microfilament stainless steel braid			
Width Code	(See Table II)			
Length	Dimension in one inch increment			

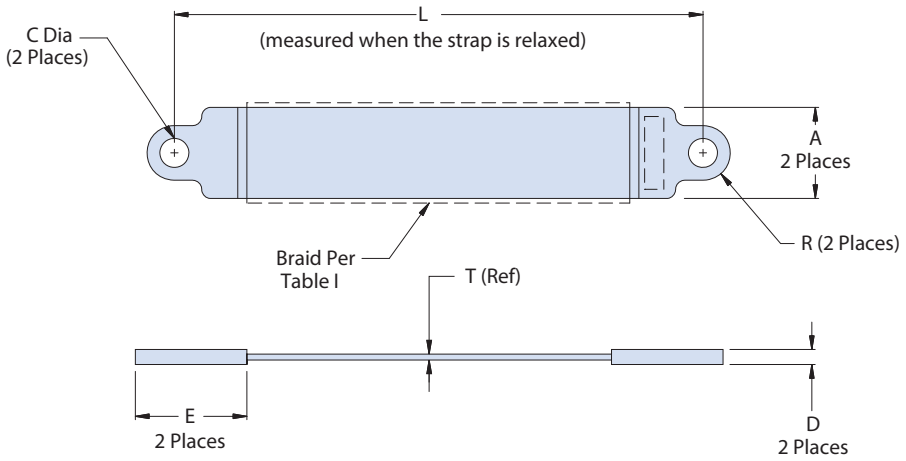


Table II: Mechanical/Electrical Parameters for ArmorLite Material

Width Code	A ± .03	C	R	D	E	T	Nom. Resistance mOhm/m* (AWG Equiv.)	Lug Junction Resistance mOhm	Weight gr/m*	Inductance nH/m (Ref. Only)	Test Current **	Tensile Strength
12	.290 (7.37)	.150 (3.81)	.145 (3.68)	.042 (1.06)	.480 (12.19)	.016 (.41)	48 (22)	0.129	9.0	1277	37	130
20	.480 (12.19)	.200 (5.08)	.240 (6.10)	.042 (1.06)	.690 (17.53)	.016 (.41)	26 (19)	0.111	13.4	1170	52	216
24	.590 (14.99)	.260 (6.60)	.295 (7.49)	.042 (1.06)	.790 (20.06)	.016 (.41)	23 (18)	0.097	17.9	1116	62	219
32	.820 (2.83)	.390 (9.91)	.375 (9.53)	.052 (1.32)	.950 (24.13)	.021 (.53)	13 (16)	0.089	35.8	1047	127	483
40	.870 (22.10)	.390 (9.91)	.375 (9.53)	.052 (1.32)	.950 (24.13)	.021 (.53)	11 (15)	0.061	40.3	1034	141	524
48	1.080 (27.43)	.390 (9.91)	.375 (9.53)	.052 (1.32)	.950 (24.13)	.021 (.53)	8 (14)	0.054	53.8	983	162	590
64	1.330 (33.78)	.390 (9.91)	.375 (9.53)	.052 (1.32)	.950 (24.13)	.021 (.53)	6 (12)	0.047	71.7	936	208	723

* Braid only, figures exclude termination lugs. **Test current is defined as the current required to reach 200° C at ambient temperature

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Notes

1. Max operating temperature 200° C
2. Assembly identified with Glenair's name and part number, space permitting.
3. Parts shall withstand flexure of 250,000 cycles per EN4199-001 flex test.

Material/Finish

Lugs - copper/nickel plate per SAE AMS-26074, mat'l IAW ASTMB152, ASTMF68, ASTMB75 or MIL-T-24107

Solder - tin/copper alloy

Dimensions in inches (millimeters) and are subject to change without notice.

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