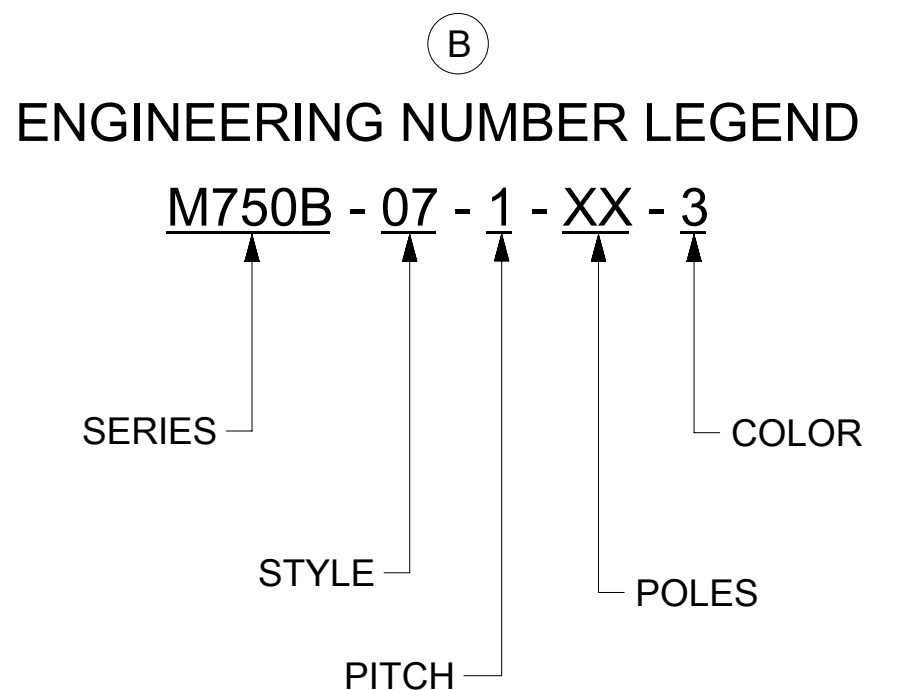
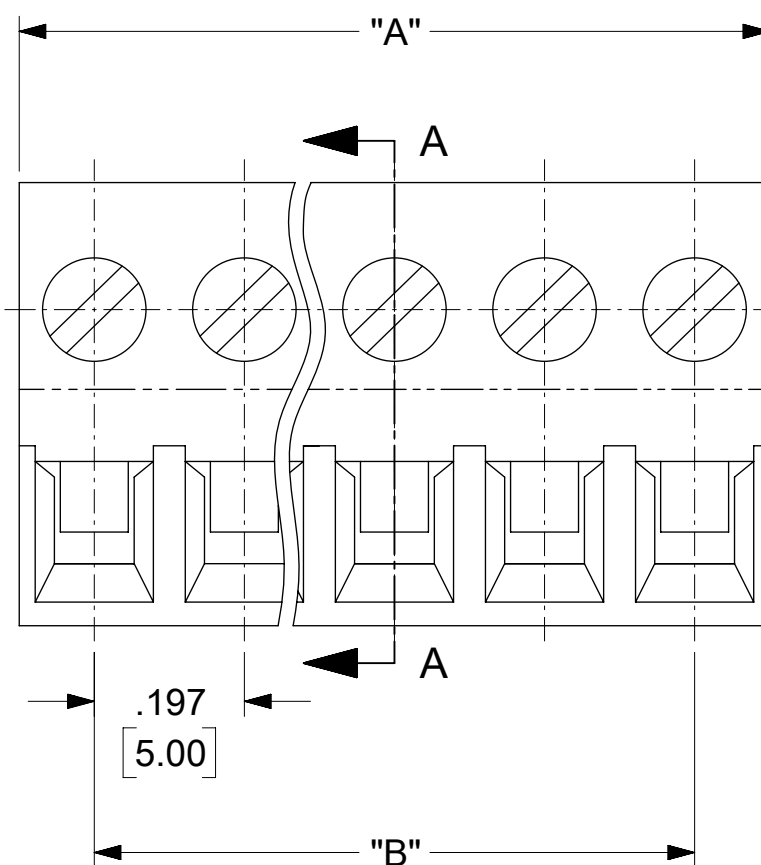




A detailed cross-sectional diagram of a wire bonding head, labeled "SECTION A-A". The diagram shows the internal components and the path of a wire. Key features include:

- WIRE ENTRY:** Indicated by a large arrow pointing into the head from the left.
- Component A:** The main body of the head.
- Component B:** A central component, likely a heater or a guide.
- Component C:** A small component at the top left.
- Component D:** A component at the top right.
- Component E:** A component on the right side.
- Component F:** A component at the bottom right, possibly a wire guide or a sensor.

 The diagram uses hatching to represent different materials and dashed lines to show internal features and the wire's path.

PART NUMBER DATA							
CIRCUITS	PART NUMBER	ENGINEERING NUMBER	COLOR	DIM. "A"		DIM. "B"	
				IN	mm	IN	mm
2	397080002	M750B-07-1-02-3	GREEN	0.42	10.6	.197	5.00
3	397080003	M750B-07-1-03-3	GREEN	0.61	15.6	.394	10.00
4	397080004	M750B-07-1-04-3	GREEN	0.81	20.6	.590	15.00
5	397080005	M750B-07-1-05-3	GREEN	1.01	25.6	.787	19.99
6	397080006	M750B-07-1-06-3	GREEN	1.20	30.6	.984	24.99
7	397080007	M750B-07-1-07-3	GREEN	1.40	35.6	1.181	29.99
8	397080008	M750B-07-1-08-3	GREEN	1.60	40.6	1.378	34.99
9	397080009	M750B-07-1-09-3	GREEN	1.80	45.6	1.574	39.99
10	397080010	M750B-07-1-10-3	GREEN	1.99	50.6	1.771	44.99
11	397080011	M750B-07-1-11-3	GREEN	2.19	55.6	1.968	49.99
12	397080012	M750B-07-1-12-3	GREEN	2.39	60.6	2.165	54.99
13	397080013	M750B-07-1-13-3	GREEN	2.58	65.6	2.362	59.98
14	397080014	M750B-07-1-14-3	GREEN	2.78	70.6	2.558	64.98
15	397080015	M750B-07-1-15-3	GREEN	2.98	75.6	2.755	69.98
16	397080016	M750B-07-1-16-3	GREEN	3.17	80.6	2.952	74.98
17	397080017	M750B-07-1-17-3	GREEN	3.37	85.6	3.149	79.98
18	397080018	M750B-07-1-18-3	GREEN	3.57	90.6	3.346	84.98
19	397080019	M750B-07-1-19-3	GREEN	3.76	95.6	3.542	89.98
20	397080020	M750B-07-1-20-3	GREEN	3.96	100.6	3.739	94.98
21	397080021	M750B-07-1-21-3	GREEN	4.16	105.6	3.936	99.97
22	397080022	M750B-07-1-22-3	GREEN	4.35	110.6	4.133	104.97
23	397080023	M750B-07-1-23-3	GREEN	4.55	115.6	4.330	109.97
24	397080024	M750B-07-1-24-3	GREEN	4.75	120.6	4.526	114.97

1. MATERIAL:
 - (A). BLOCK: ZINC PLATED STEEL
 - (B). M2.5 SCREW: ZINC PLATED STEEL
 - (C). BODY: PA66, UL94 V-0
 - (D). CAM: STAINLESS STEEL
 - (E). COVER: PA66, UL94 V-0
 - (F). TERMINAL: TIN PLATED BRASS
2. WIRE SIZE PER UL: 12 TO 30 AWG (SOLID OR STRANDED)
3. MAXIMUM ELECTRICAL RATING PER UL: 300V, 18A
4. SCREW TORQUE PER UL: 5.0 LBF. IN. (0.57Nm)
5. WIRE STRIP LENGTH: 0.37 IN. (9.5mm)
6. DIELECTRIC VOLTAGE WITHSTAND: 2500VAC FOR 1 MINUTE
7. INSULATION RESISTANCE: 500VDC, 500MΩ
8. IMPLUSE VOLTAGE: 4000V ± 5 TIMES EACH
9. MAXIMUM OPERATING TEMPERATURE: -40°C TO +115°C

TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±.010
>6-30	±0.40	.24-1.18	±.016
>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX, MODIFIED NOTES, ADDED ISO VIEW, ADDED PINS FOR CIRCUIT 13-24 & CORRECTED ENG NUMBER FROM M753B TO M750B.			molex			
	INCH/MM		4:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)										
E_A = 0					EC NO: 861391 DRWN: PRASHB92026/06/23 CHK'D: ROLANM2026/07/22 APPR: HKNEELAND2026/07/24			TERMINAL PLUG, 5.0MM HORIZONTAL SCREW			
E_F = 0											
E_D = 0											
DIVISIONAL SYMBOLS											
							PRODUCT CUSTOMER DRAWING				
							DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
							SD-39708-001		PSD	001	B
							MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
							SEE TABLE		GENERAL MARKET		1 OF 1