MATERIAL DECLARATION SHEET

BOURNS®

Material Number	**78ADJ-4-M0**		
Product Line	**Modular Contact**		
Revision	**11/25/2025**		
RoHS Compliant	**Yes**	MSL	**1**

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material Substances	CASRN if applicable	Subpart Materials Mass %	Material Mass % of total unit wt	Subpart mass of total wt. (%)
1	Base	Nylon	0.232	PA4T	103945-40-0	56.5	18.6326	32.98
				Glass Fiber	65997-17-3	31	10.2232	
				Carbon Black	1333-86-4	1.5	0.4947	
				ISO 1043-4 FR940) Halogen-free Organic Phosphorus Compounds, not declarable (not red phosphorus)	Trade Secret	10	3.2978	
				Further Additives, not to declare	N/A	1	0.3298	
2	Contacts	Beryllium Copper	0.1970	Beryllium	7440-41-7	1.9	0.5321	28.00
				Nickel	7440-02-0	0.3	0.0840	
				Cobalt	7440-48-4	0.3	0.0840	
				Iron	7439-89-6	0.3	0.0840	
				Aluminum	7429-90-5	0.1	0.0280	
				Silicon	7440-21-3	0.1	0.0280	
				Copper	7440-50-8	96.7	27.0787	
				Silver	7440-22-4	0.05	0.0140	
				Misc, not to declare	N/A	0.25	0.0700	
	Termination		0.0006	Tin	7440-31-5	100	0.0810	0.08
	Underplating		0.0020	Nickel	7440-02-0	100	0.2857	0.29
	Finish Plating		0.0004	Gold	7440-57-5	100	0.0597	0.06

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3	Stabilizer	Phosphor Bronze C510	0.0238	Copper	7440-50-8	94.6	3.2004	3.38
				Iron	7439-89-6	0.06	0.0020	
				Phosphorus	7723-14-0	0.19	0.0064	
				Lead	7439-92-1	0.025	0.0008	
				Tin	7440-31-5	5	0.1692	
				Zinc (metal)	7440-66-6	0.1	0.0034	
				Misc., not to declare	N/A	0.025	0.0008	
		Termination	0.00015	Tin	7440-31-5	100	0.0219	0.02
		Plating	0.00055	Nickel	7440-02-0	100	0.0776	0.08
4	Base	Nylon	0.247	PA4T	103945-40-0	56.5	19.8372	35.11
				Glass Fiber	65997-17-3	31	10.8842	
				Carbon Black	1333-86-4	1.5	0.5267	
				ISO 1043-4 FR940) Halogen-free Organic Phosphorus Compounds, not declarable (not red phosphorus)	Trade Secret	10	3.5110	
				Further Additives, not to declare	N/A	1	0.3511	
		Total Weight	0.704					

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.