MATERIAL DECLARATION SHEET

BOURNS®

Material Number	**78ADJ-5-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	0.296	PA4T	103945-40-0	56.5	19.0957	33.80
				Glass Fiber	65997-17-3	31	10.4773	
				Carbon Black	1333-86-4	1.5	0.5070	
				ISO 1043-4 FR940) Halogen-free Organic Phosphorus Compounds, not declarable (not red phosphorus)	Trade Secret	10	3.3798	
				Further Additives, not to declare	N/A	1	0.3380	
2	Contacts	Beryllium Copper	0.2470	Beryllium	7440-41-7	1.9	0.5359	28.20
				Nickel	7440-02-0	0.3	0.0846	
				Cobalt	7440-48-4	0.3	0.0846	
				Iron	7439-89-6	0.3	0.0846	
				Aluminum	7429-90-5	0.1	0.0282	
				Silicon	7440-21-3	0.1	0.0282	
				Copper	7440-50-8	96.7	27.2721	
				Silver	7440-22-4	0.05	0.0141	
				Misc, not to declare	N/A	0.25	0.0705	
		Termination	0.0006	Tin	7440-31-5	100	0.0651	0.07
		Underplating	0.0020	Nickel	7440-02-0	100	0.2295	0.23
		Finish Plating	0.0004	Gold	7440-57-5	100	0.0480	0.05

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3	Stabilizer	Phosphor Bronze C510	0.0338	Copper	7440-50-8	94.6	3.6509	3.86
				Iron	7439-89-6	0.06	0.0023	
				Phosphorus	7723-14-0	0.19	0.0073	
				Lead	7439-92-1	0.025	0.0010	
				Tin	7440-31-5	5	0.1930	
				Zinc (metal)	7440-66-6	0.1	0.0039	
				Misc., not to declare	N/A	0.025	0.0010	
		Termination	0.0002	Tin	7440-31-5	100	0.0251	0.03
		Plating	0.0008	Nickel	7440-02-0	100	0.0891	0.09
4	Base	Nylon	0.295	PA4T	103945-40-0	56.5	19.0312	33.68
				Glass Fiber	65997-17-3	31	10.4419	
				Carbon Black	1333-86-4	1.5	0.5053	
				ISO 1043-4 FR940) Halogen-free Organic Phosphorus Compounds, not declarable (not red phosphorus)	Trade Secret	10	3.3683	
				Further Additives, not to declare	N/A	1	0.3368	
		Total Weight	0.876					

Important remarks:

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