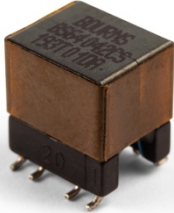


# MATERIAL DECLARATION SHEET



Material Number	<b>BS64042CS</b>			
Product Line	<b>TRANSFORMER EP7</b>			
Compliance Date	<b>05-Aug-2022</b>			
RoHS Compliant	<b>Yes</b>	MSL	<b>1</b>	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	BOBBIN	PF-PM9630	190	Phenol, polymer with formaldehyde	9003-35-4	50.00	4.66	9.313
				GF-Fiber	-	45.00	4.19	
				Kaolin, calcined	92704-41-1	3.00	0.28	
				Fatty acids, tallow, hydrogenated	61790-38-3	1.00	0.09	
				Zinc stearate	557-05-1	0.50	0.05	
				Carbon black	1333-86-4	0.40	0.04	
				Others, not to declare	system	0.10	0.01	
2	PIN	C5191	85	Copper	7440-50-8	93.15	3.881	4.167
				Zinc (metal)	7440-66-6	0.10	0.004	
				Tin	7440-31-5	6.25	0.261	
				Phosphorus	7723-14-0	0.20	0.008	
				Others, not to declare	system	0.30	0.013	
3	PIN-Plating Tin	Tin	6	Tin	7440-31-5	99.90	0.293	0.294
				Others, not to declare	system	0.10	0.001	
4	PIN- Plating Ni	Nickel	4	Nickel	7440-02-0	99.90	0.195	0.196
				Others, not to declare	system	0.10	0.001	

# MATERIAL DECLARATION SHEET



No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
5	SOLDER	Tin	20	Tin	7440-31-5	99.22	0.973	0.980
				Copper	7440-50-8	0.7	0.006	
				Lead	7439-92-1	0.02	0.0001	
				others, not to declare	-	0.06	0.001	
6	Enamel Wire	Copper	80	Copper	7440-50-8	91.00	3.569	3.922
				Polyurethane resin	68400-67-9	8.65	0.339	
				Polyamide resin	63428-83-1	0.25	0.010	
				others, not to declare	-	0.10	0.004	
7	Teflon insulated wire	PFA	140	Copper	7440-50-8	86.00	5.902	6.863
				Tin	7440-31-5	1.50	0.103	
				PFA	26655-00-5	12.00	0.824	
				others, not to declare	-	0.50	0.034	
7	CORE	MnZn-Ferrite	1420	Iron manganese zinc oxide	12645-49-7	99.80	68.912	69.608
				others, not to declare	system	0.20	0.696	
8	TAPE	PI	40	Polyimide Resin	60842-76-4	37.20	0.729	1.961
				Silicone Resin	-	62.30	1.222	
				others, not to declare	-	0.50	0.010	
9	GLUE	Epoxy Resin	50	Epoxy resin	25068-38-6	55.00	1.348	2.451
				Calcium carbonate	1317-65-3	35.00	0.858	
				Magnesium silicate talc	14807-96-6	3.00	0.074	
				Epoxy resin, modified	68610-41-3	5.00	0.123	
				Silicon dioxide	14808-60-7	0.55	0.013	
				Titanium-dioxide	13463-67-7	1.25	0.031	
				Diuron	330-54-1	0.20	0.005	

# MATERIAL DECLARATION SHEET



No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
10	INK	INK	5	Nitrocellulose	9004-70-0	68.64	0.168	0.245
				Chromate(1-), bis(1-((2-hydroxy-5-nitrophenyl)azo)-2-naphthalenolato(2-))-, sodium	57206-81-2	7.60	0.019	
				Chromate(1-), bis(1-((5-(1,1-dimethylpropyl)-2-(hydroxy-kappaO)-3-nitrophenyl)azo-kappaN1)-2-naphthalenolato(2)-kappaO)-, sodium	57206-83-4	7.60	0.019	
				Chromate(1-), (1-((2-hydroxy-4-nitrophenyl)azo)-2-naphthalenolato(2-))(1-((2-hydroxy-5-nitrophenyl)azo)-2-naphthalenolato(2-))-, sodium	59307-49-2	7.60	0.019	
				Chromate(1-), bis(1-((2-hydroxy-4-nitrophenyl)azo)-2-naphthalenolato(2-))-, sodium	64611-73-0	7.60	0.019	
				others, not to declare	-	0.96	0.002	
		Total weight	<b>2040 mg</b>					

This Document was updated on: **08/05/2022**

**Important remarks:**

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