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DI-PMDUM-HF-JE\_Rev.6

Type	Package Code	ROHM Package	Mass (mg)	Part No.
Diode	SOD-123FL	PMDU	10.0000	-

No	Part Name	Weight (mg)	Substance Name	CAS No	Weight (mg)	Portion vs. Products	Portion vs. Part Name
1	Mold compound	6.1600	Silica (amorphous)	60676-86-0	4.2166	42.17%	68.45%
			Epoxy resin I	-	0.5793	5.79%	9.40%
			Epoxy resin II	-	0.1818	1.82%	2.95%
			Metal hydroxide	21645-51-2	0.8067	8.07%	13.10%
			Stiffening	-	0.3570	3.57%	5.80%
			Carbon black	1333-86-4	0.0186	0.19%	0.30%
			<i>Subtotal</i>		<i>6.1600</i>	<i>61.60%</i>	<i>100%</i>
2	Lead frame (Base material)	2.8220	Copper (Cu)	7440-50-8	2.8017	28.02%	99.28%
			Tin (Sn)	7440-31-5	0.0071	0.07%	0.25%
			Chromium (Cr)	7440-47-3	0.0071	0.07%	0.25%
			Zinc (Zn)	7440-66-6	0.0062	0.06%	0.22%
			<i>Subtotal</i>		<i>2.8220</i>	<i>28.22%</i>	<i>100%</i>
3	External plating	0.0840	Tin (Sn)	7440-31-5	0.0840	0.84%	100.00%
			<i>Subtotal</i>		<i>0.0840</i>	<i>0.84%</i>	<i>100%</i>
4	Die	0.6060	Silicon (Si)	7440-21-3	0.4950	4.95%	81.68%
			Silver (Ag)	7440-22-4	0.1110	1.11%	18.32%
			<i>Subtotal</i>		<i>0.6060</i>	<i>6.06%</i>	<i>100%</i>
5	Die attach	0.3280	Lead (Pb) *1	7439-92-1	0.3067	3.07%	93.50%
			Tin (Sn)	7440-31-5	0.0164	0.16%	5.00%
			Silver (Ag)	7440-22-4	0.0049	0.05%	1.50%
			<i>Subtotal</i>		<i>0.3280</i>	<i>3.28%</i>	<i>100%</i>
			<i>Total</i>	-	<i>10.0000</i>	<i>100%</i>	-

## Note

\*1 : It is exempted from the RoHS, because of the high melting point solder.

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