

MDS (MATERIAL DATA SHEETS)

Product name			Photocoupler	
Business Dealing name			PC817X2NSZ2B PC817X3NSZ2B PC817X1NSZ2B	
Item	Material	CAS No.	Wt of Item (mg)	Wt. of material (mg)
Infrared Light Emitting Diode	GaAs	1303-00-0	0.030	0.030
Phototransistor	Si	7440-21-3	0.148	0.148
Leadframe	Cu	7440-50-8	63.297	61.319
	Zn	7440-66-6		0.094
	Fe	7439-89-6		1.330
	P	7723-14-0		0.014
	Ag (plating)	7440-22-4		0.242
	Cu (plating)	7440-50-8		0.297
Bonding Wire	Au	7440-57-5	0.027	0.027
Transparent Compound	Silicone Resin	-	1.000	1.000
Semitransparent Compound	Fused Silica	60676-86-0	39.966	27.576
	Silica, Crystalline	14808-60-7		0.400
	Epoxy Resin	-		7.993
	Phenolic Resin	9003-5-4		3.997
Opaque Compound	Silica	7631-86-9	122.133	75.722
	Epoxy Resin	-		36.640
	Phenolic Resin	-		9.160
	Carbon Black	1333-86-4		0.611
Terminal Plating	Sn	7440-31-5	3.354	3.354
Silver Epoxy Resin	Ag	7440-22-4	0.046	0.034
	DIGLYCIDYLETHER OF B.P.A	25068-38-6		0.002
	Epoxy Resin	25068-38-6		0.010
			Total (mg)	230.000

Y. Takahashi

Responsible Person: Yoshihisa Takahashi
General Manager, Head of CS PROMOTION DIV.

SHARP CORPORATION
Electronic Components And Devices BU
CS PROMOTION DIV.

Date: 09-Feb-17

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