

30/06/2025

BOM-style material declaration for the following custom **P160KN-0QC15B50K** models. No content here is banned per EU.RoHS.

Part No.	Description	Sub-component	Material	Weight(mg)	Chemical Name	CAS #	(% of Sub Weight)	Special Classification
		Shaft	Zinc Alloy	1617.0	Al	7429-90-5	4.00%	
					Cu	7440-50-8	0.50%	
					Mg	7439-95-4	0.05%	
					Fe	7439-89-6	0.01%	
					Sn	7440-31-5	0.01%	
					Zn	7440-66-6	95.43%	
		Element	Phenolic Laminate	347.4	B.K.P	65996-61-4	45.00%	
					Phenolic Resin	9003-35-4	55.00%	
			Carbon Plasm	14.0	Methanol	67-56-1	15.00%	
					Carbon Black	1333-86-4	70.00%	
					Talc	14807-96-6	4.00%	
					Phenolic resin	9003-35-4	3.00%	
					Monobutyl Ether	112-34-5	3.00%	
					Silver	7440-22-4	5.00%	
			Silver Plasm	6.0	Phenolic resin	9039-25-2	15.00%	
					Silver	7440-22-4	54.50%	
					Glass powder	65997-17-3	0.50%	
					Graphite	7782-42-5	5.00%	
					Molybdeum disulfide	1317-33-5	5.00%	
					Diethylene glycol monoethyl ether	111-90-0	20.00%	
			White Oil	1.0	Epoxy Resin	25085-99-8	50.00%	
					Barium Sulfate Talc	7727-43-7	15.00%	
					Titanium sulfate	13463-67-7	30.00%	

P160KN-0QC15B50K	Potentiometer				Diethylene Glycol Monoethyl Ether Acetate	112-15-2	5.00%	NA
		Terminal	SPCC	169.5	C	7440-44-0	0.20%	
					Mn	7439-96-5	0.20%	
					P	7723-14-0	0.04%	
					S	7704-34-9	0.04%	
					Si	7440-21-3	0.30%	
					Al	7429-90-5	0.04%	
					Fe	7439-89-6	99.18%	
					Tin Plating	0.3	Sn	
		Bushing	Zinc Alloy	631.0	Al	7429-90-5	4.00%	
					Cu	7440-50-8	0.50%	
					Mg	7439-95-4	0.05%	
					Fe	7439-89-6	0.01%	
					Sn	7440-31-5	0.01%	
					Zn	7440-66-6	95.43%	
		Stop Plate	POM	319.0	Acetal Polymer Stabilizer	002-81-7	98.00%	
						70624-18-9	2.00%	
		Slider	C7701	72.6	Copper	7440-50-8	55.05%	
					Zn	7440-66-6	26.25%	
					Nickel	7440-02-0	18.00%	
					Mn	7439-96-5	0.50%	
					Fe	7439-89-6	0.20%	
		Click	C5191R	45.0	Copper	7440-50-8	94.01%	
					Sn	7440-31-5	5.59%	
					Fe	7439-89-6	0.10%	
					P	7723-14-0	0.20%	
					Zn	7440-66-6	0.10%	
		Case	SPCC	1750.0	C	7440-44-0	0.20%	
					Mn	7439-96-5	0.20%	
					P	7723-14-0	0.04%	
					S	7704-34-9	0.04%	
					Si	7440-21-3	0.30%	
					Al	7429-90-5	0.04%	
					Fe	7439-89-6	99.18%	
					Tin Plating	5.0	Sn	
		NUT	Fe (SWRCH)	450.0	Fe	7439-89-6	73.49%	
					C	7440-44-0	0.50%	
					P	7723-14-0	4.50%	
					Mn	7439-96-5	11.40%	

					S	7704-34-9	10.11%
			Nickel Plating	10.0	Ni	7440-02-0	100.00%
		Grease	Base oil + Addition	2.0	PAO	68611-44-9	80.00%
					Polyisobutylene	68611-44-9	10.00%
					Fumed Silica	68611-44-9	10.00%
		Washer	SPCC	121.4	C	7440-44-0	0.20%
					Mn	7439-96-5	0.20%
					P	7723-14-0	0.04%
					S	7704-34-9	0.04%
					Si	7440-21-3	0.30%
					Al	7429-90-5	0.04%
					Fe	7439-89-6	99.18%
			Nickel Plating	0.8	Ni	7440-02-0	100.00%

Total (mg): 5,562.0

