


Material Declaration for P70-5100045

Product Information	
Part Number:	P70-5100045
Part Description:	Pogo Pin (Individual Spring Contact)
Part Weight (g):	0.021

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	Gold over Nickel
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Plunger - Brass	0.00424	2%	Copper	7440-50-8
	0.00275	5%	Zinc	7440-66-6
	0.000197	2%	Lead	7439-92-1
	0	0.000004g max	Iron (impurity only)	7439-89-6
	0	0.000005g max	Tin (impurity only)	7440-31-5
Plunger - Plating	0.000042	5%	Gold	7440-57-5
	0.000068	10%	Nickel	7440-02-0
Body - Brass	0.00743	2%	Copper	7440-50-8
	0.00482	5%	Zinc	7440-66-6
	0.000347	2%	Lead	7439-92-1
	0	0.000006g max	Iron (impurity only)	7439-89-6
	0	0.000009g max	Tin (impurity only)	7440-31-5
Body - Plating	0.000043	5%	Gold	7440-57-5
	0.000275	10%	Nickel	7440-02-0
Spring - Stainless Steel	0.000581	10%	Iron	7439-89-6
	0.000154	4%	Chromium (Metallic)	7440-47-3
	0.000075	4%	Nickel	7440-02-0
	0	0.000001g max	Carbon (impurity only)	7440-44-0
	0	0.000008g max	Silicon (impurity only)	7440-21-3
	0	0.000016g max	Manganese (impurity only)	7439-96-5
	0	0.000001g max	Phosphorus (impurity only)	7723-14-0
	0	0.000001g max	Sulphur (impurity only)	770434-9

Prepared by: 

Martin J Perry, BSc(Eng) MSc CEng MIET
 Compliance Specialist
 ComplianceTeam@harwin.co.uk

On behalf of: 