

Material Declaration for P70-1030045R

Product Information	
Part Number:	P70-1030045R
Part Description:	Pogo Pin (Individual Spring Contact)
Part Weight (g):	0.0619

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

Additional weight: 0.0323g for the plastic Pick & Place cap.

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Plunger - Brass	0.0173	2%	Copper	7440-50-8
	0.0112	5%	Zinc	7440-66-6
	0.000809	2%	Lead	7439-92-1
	0	0.000015g max	Iron (impurity only)	7439-89-6
	0	0.000021g max	Tin (impurity only)	7440-31-5
Plunger - Plating	0.000107	5%	Gold	7440-57-5
	0.000173	10%	Nickel	7440-02-0
Body - Brass	0.0169	2%	Copper	7440-50-8
	0.011	5%	Zinc	7440-66-6
	0.000788	2%	Lead	7439-92-1
	0	0.000014g max	Iron (impurity only)	7439-89-6
	0	0.00002g max	Tin (impurity only)	7440-31-5
Body - Plating	0.000111	5%	Gold	7440-57-5
	0.000715	10%	Nickel	7440-02-0
Spring - Stainless Steel	0.00198	10%	Iron	7439-89-6
	0.000524	4%	Chromium (Metallic)	7440-47-3
	0.000255	4%	Nickel	7440-02-0
	0	0.000002g max	Carbon (impurity only)	7440-44-0
	0	0.000028g max	Silicon (impurity only)	7440-21-3
	0	0.000055g max	Manganese (impurity only)	7439-96-5
	0	0.000001g max	Phosphorus (impurity only)	7723-14-0
	0	0.000001g max	Sulphur (impurity only)	7704-34-9

Prepared by:



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

On behalf of:

