

Material Declaration for G125-MWXXXXXAAL9400

Product Information	
Part Number:	G125-MW1XXXXAAL9400
Part Description:	Male Crimped Wire 26AWG
Part Weight (g):	(0.00198 * XXXX) + 0.0168

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	n/a
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Brass	0.0099	1%	Copper	7440-50-8
	0.0062	2%	Zinc	7440-66-6
	0.00033	1%	Lead	7439-92-1
	0	0.000032g max	Iron (impurity only)	7439-89-6
	0	0.000032g max	Tin (impurity only)	7440-31-5
	0	0.000048g max	Nickel (impurity only)	7440-02-0
	0	0.000008g max	Aluminium (impurity only)	7429-90-5
	0	0.000032g max	Other Impurities	
Contact - Plating	0.000087	5%	Gold	7440-57-5
	0.000321	10%	Nickel	7440-02-0
Wire	0.000706 * XXXX	10%	Copper	7440-50-8
Wire - Plating	0.000083 * XXXX	10%	Silver	7440-22-4
Wire - Insulation	0.00119 * XXXX	10%	PTFE	9002-84-0

Product Information	
Part Number:	G125-MW2XXXXAAL9400
Part Description:	Male Crimped Wire 28AWG
Part Weight (g):	(0.00157 * XXXX) + 0.0168

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	n/a
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Brass	0.00985	1%	Copper	7440-50-8
	0.00617	2%	Zinc	7440-66-6
	0.000328	1%	Lead	7439-92-1
	0	0.000032g max	Iron (impurity only)	7439-89-6
	0	0.000032g max	Tin (impurity only)	7440-31-5
	0	0.000048g max	Nickel (impurity only)	7440-02-0
	0	0.000008g max	Aluminium (impurity only)	7429-90-5
	0	0.000032g max	Other Impurities	
Contact - Plating	0.000087	5%	Gold	7440-57-5
	0.000321	10%	Nickel	7440-02-0
Wire	0.0005 * XXXX	10%	Copper	7440-50-8
Wire - Plating	0.000059 * XXXX	10%	Silver	7440-22-4
Wire - Insulation	0.00101 * XXXX	10%	PTFE	9002-84-0

Material Declaration for G125-MWXXXXXAAL9400

Product Information	
Part Number:	G125-MW3XXXXAAL9400
Part Description:	Male Crimped Wire 30AWG
Part Weight (g):	(0.00123 * XXXX) + 0.0168

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	n/a
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Brass	0.00985	1%	Copper	7440-50-8
	0.00617	2%	Zinc	7440-66-6
	0.000328	1%	Lead	7439-92-1
	0	0.000032g max	Iron (impurity only)	7439-89-6
	0	0.000032g max	Tin (impurity only)	7440-31-5
Contact - Plating	0	0.000048g max	Nickel (impurity only)	7440-02-0
	0	0.000008g max	Aluminium (impurity only)	7429-90-5
	0	0.000032g max	Other Impurities	
	0.000087	5%	Gold	7440-57-5
	0.000321	10%	Nickel	7440-02-0
Wire				
	0.000312 * XXXX	10%	Copper	7440-50-8
	0.000037 * XXXX	10%	Silver	7440-22-4
	0.00088 * XXXX	10%	PTFE	9002-84-0

Product Information	
Part Number:	G125-MW4XXXXAAL9400
Part Description:	Male Crimped Wire 32AWG
Part Weight (g):	(0.00103 * XXXX) + 0.0168

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	n/a
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Brass	0.00985	1%	Copper	7440-50-8
	0.00617	2%	Zinc	7440-66-6
	0.000328	1%	Lead	7439-92-1
	0	0.000032g max	Iron (impurity only)	7439-89-6
	0	0.000032g max	Tin (impurity only)	7440-31-5
Contact - Plating	0	0.000048g max	Nickel (impurity only)	7440-02-0
	0	0.000008g max	Aluminium (impurity only)	7429-90-5
	0	0.000032g max	Other Impurities	
	0.000087	5%	Gold	7440-57-5
	0.000321	10%	Nickel	7440-02-0
Wire				
	0.00025 * XXXX	10%	Copper	7440-50-8
	0.000029 * XXXX	10%	Silver	7440-22-4
	0.000748 * XXXX	10%	PTFE	9002-84-0

Prepared by: 

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

On behalf of:

HARWIN