

Material Declaration for M80-550XXXX

Product Information	
Part Number:	M80-550XX05
Part Description:	2mm Horiz Datamate
Part Weight (g):	(0.045 * XX) + 0.308

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 #
Contacts - Phosphor Bronze	0.0207 * XX	5%	Copper	7440-50-8
	0.0011 * XX	2%	Tin	7440-31-5
	0.000042 * XX	1%	Phosphorus	7723-14-0
	0	(0.000066 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000022 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000011 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.00011 * XX)g max	Other Impurities	
	Contacts - Plating	0.000289 * XX	5%	Gold
	0.000226 * XX	10%	Nickel	7440-02-0
Moulding (total weight)	(0.0226 * XX) + 0.308	10%	30% Glass-Filled PPS	
Containing:	(0.0158 * XX) + 0.216	10%	PPS	26125-40-6
	(0.00678 * XX) + 0.0924	10%	30% Glass Fibre	65997-17-3
Does not contain:			Antimony	
			Other Brominated Flame Retardants	

Product Information	
Part Number:	M80-550XX22
Part Description:	2mm Horiz Datamate
Part Weight (g):	(0.045 * XX) + 0.308

Process Data	
Peak Reflow (Deg. C)	235°C for 5 seconds
Termination Finish	Tin/Lead over Nickel
RoHS Compliant? (Y/N)	No

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contacts - Phosphor Bronze	0.0207 * XX	5%	Copper	7440-50-8
	0.0011 * XX	2%	Tin	7440-31-5
	0.000042 * XX	1%	Phosphorus	7723-14-0
	0	(0.000066 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000022 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000011 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.00011 * XX)g max	Other Impurities	
	Contacts - Plating	0.000066 * XX	5%	Gold
	0.000172 * XX	5%	Tin	7440-31-5
	0.00003 * XX	5%	Lead	7439-92-1
	0.000226 * XX	10%	Nickel	7440-02-0
Moulding (total weight)	(0.0226 * XX) + 0.308	10%	30% Glass-Filled PPS	
Containing:	(0.0158 * XX) + 0.216	10%	PPS	26125-40-6
	(0.00678 * XX) + 0.0924	10%	30% Glass Fibre	65997-17-3
Does not contain:			Antimony	
			Other Brominated Flame Retardants	

Note: RoHS compliant by threshold values, lead intentionally added, not recommended for Lead-Free Soldering.

Material Declaration for M80-550XXXX

Product Information	
Part Number:	M80-550XX42
Part Description:	2mm Horiz Datamate
Part Weight (g):	(0.045 * XX) + 0.308

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes

Note: Tin plating is subject to 1,000ppm max Lead impurity.

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contacts - Phosphor Bronze	0.0207 * XX	5%	Copper	7440-50-8
	0.0011 * XX	2%	Tin	7440-31-5
	0.000042 * XX	1%	Phosphorus	7723-14-0
	0	(0.000066 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000022 * XX)g max	Iron (impurity only)	7439-89-6
Contacts - Plating	0	(0.000011 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.00011 * XX)g max	Other Impurities	
	0.000066 * XX	5%	Gold	7440-57-5
	0.000191 * XX	5%	Tin	7440-31-5
	0.000226 * XX	10%	Nickel	7440-02-0
Moulding (total weight)	(0.0226 * XX) + 0.308	10%	30% Glass-Filled PPS	
Containing:	(0.0158 * XX) + 0.216	10%	PPS	26125-40-6
	(0.00678 * XX) + 0.0924	10%	30% Glass Fibre	65997-17-3
Does not contain:			Antimony	
			Other Brominated Flame Retardants	

Prepared by: *M. J. Perry*

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

On behalf of:

