

## Material Declaration for M80-521XXXX

Product Information	
Part Number:	M80-521XX05
Part Description:	Vertical Male Datamate J-Tek
Part Weight (g):	(0.0391 * 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	0.0153 * XX	2%	Copper	7440-50-8
	0.000805 * XX	1%	Tin	7440-31-5
	0.000031 * XX	0.3%	Phosphorus	7723-14-0
	0	(0.000048 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000016 * XX)g max	Iron (impurity only)	7439-89-6
Contacts - Plating	0	(0.000008 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.00008 * XX)g max	Other Impurities	
	0.000221 * XX	5%	Gold	7440-57-5
Moulding (total weight) Containing:	0.000173 * XX	10%	Nickel	7440-02-0
	(0.0226 * XX) + 0.308	10%	30% Glass-Filled PPS	
	(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:	M80-521XX22
Part Description:	Vertical Male Datamate J-Tek
Part Weight (g):	(0.0392 * 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	0.0153 * XX	2%	Copper	7440-50-8
	0.000805 * XX	1%	Tin	7440-31-5
	0.000031 * XX	0.3%	Phosphorus	7723-14-0
	0	(0.000048 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000016 * XX)g max	Iron (impurity only)	7439-89-6
Contacts - Plating	0	(0.000008 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.00008 * XX)g max	Other Impurities	
	0.000066 * XX	5%	Gold	7440-57-5
Moulding (total weight) Containing:	0.00015 * XX	5%	Tin	7440-31-5
	0.000026 * XX	5%	Lead	7439-92-1
	0.000173 * XX	10%	Nickel	7440-02-0
	(0.0226 * XX) + 0.308	10%	30% Glass-Filled PPS	
Does not contain:	(0.0158 * XX) + 0.216	10%	PPS	26125-40-6
	(0.00678 * XX) + 0.0924	10%	30% Glass Fibre	65997-17-3
			Antimony	
			Other Brominated Flame Retardants	

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

# Material Declaration for M80-521XXXX

Product Information	
Part Number:	M80-521XX42
Part Description:	Vertical Male Datamate J-Tek
Part Weight (g):	(0.0391 * 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	0.0153 * XX	2%	Copper	7440-50-8
	0.000805 * XX	1%	Tin	7440-31-5
	0.000031 * XX	0.3%	Phosphorus	7723-14-0
	0	(0.000048 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000016 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000008 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.00008 * XX)g max	Other Impurities	
Contacts - Plating	0.000066 * XX	5%	Gold	7440-57-5
	0.000167 * XX	5%	Tin	7440-31-5
	0.000173 * 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:



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

On behalf of:

