

# Material Declaration for C90-3106F14S-2S

Product Information	
Part Number:	C90-3106F14S-2S
Part Description:	4 Posn. Circular Conn.
Part Weight (g):	48.817

Process Data	
Peak Reflow (Deg. C)	Not applicable
Termination Finish	Not applicable
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Shell - Aluminium	5.984	5%	Aluminium	7429-90-5
	0.0503	2%	Magnesium	7439-95-4
	0.0373	2%	Silicon	7440-21-3
	0.0155	1%	Copper	7440-50-8
	0.0083	1%	Iron	7439-89-6
	0.00397	1%	Chromium	7440-47-3
	0.00366	1%	Zinc	7440-66-6
	0.00281	1%	Manganese	7439-96-5
	0.00183	1%	Titanium	7440-32-6
SR Housing - Aluminium	9.225	5%	Aluminium	7429-90-5
	1.244	2%	Silicon	7440-21-3
	0.411	1%	Copper	7440-50-8
	0.114	1%	Zinc	7440-66-6
	0.089	1%	Iron	7439-89-6
	0.0167	1%	Manganese	7439-96-5
	0.01	1%	Magnesium	7439-95-4
	0.00556	1%	Titanium	7440-32-6
	0.00445	1%	Tin	7440-31-5
	0.00111	1%	Chromium	7440-47-3
SR Housing - Plating	0.01	10%	Nickel	7440-02-0
Clamp Half - Aluminium	2.776	5%	Aluminium	7429-90-5
	0.375	2%	Silicon	7440-21-3
	0.124	1%	Copper	7440-50-8
	0.0342	1%	Zinc	7440-66-6
	0.0268	1%	Iron	7439-89-6
	0.00502	1%	Manganese	7439-96-5
	0.00301	1%	Magnesium	7439-95-4
	0.00167	1%	Titanium	7440-32-6
	0.00134	1%	Tin	7440-31-5
	0.00033	1%	Chromium	7440-47-3
Clamp Half - Plating	0.00301	10%	Nickel	7440-02-0
Coupling Ring - Aluminium	6.291	5%	Aluminium	7429-90-5
	0.849	2%	Silicon	7440-21-3
	0.28	1%	Copper	7440-50-8
	0.0774	1%	Zinc	7440-66-6
	0.0607	1%	Iron	7439-89-6
	0.0114	1%	Manganese	7439-96-5
	0.00683	1%	Magnesium	7439-95-4
	0.00379	1%	Titanium	7440-32-6
	0.00303	1%	Tin	7440-31-5
	0.00075	1%	Chromium	7440-47-3
Coupling Ring - Plating	0.00683	10%	Nickel	7440-02-0
Screws - Brass	1.37	10%	Copper	7440-50-8
	0.757	5%	Zinc	7440-66-6
	0.0645	5%	Lead	7439-92-1
	0.00396	5%	Ferrous Iron	15438-31-0
Lock Washers - Phosphor Bronze	0.257	10%	Copper	7440-50-8
	0.0227	5%	Tin	7440-31-5
	0.00028	5%	Phosphorus	7723-14-0
	0.000028	5%	lead	7439-92-1
Zinc Cobalt Plating	0.411	10%	Zinc	7440-66-6
	0.00519	10%	Cobalt	7440-48-4
Contacts - Brass	1.962	10%	Copper	7440-50-8
	1.084	5%	Zinc	7440-66-6
	0.0923	5%	Lead	7439-92-1
	0.00567	5%	Ferrous Iron	15438-31-0
Contacts - Plating	0.0213	10%	Silver	7440-22-4
Bush - Neoprene Rubber	5.06	10%	Neoprene Rubber	-
Insert - Neoprene Rubber	5.2	10%	Neoprene Rubber	-
Grommet - Neoprene Rubber	3.29	10%	Neoprene Rubber	-
Ferrule - K224-G6 Nylon	0.78	10%	PA6-GF30 Nylon	-
Gasket - Silicon Rubber	0.25	10%	Silicon Rubber	-

Prepared by:

*M. J. Perry*

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

On behalf of:

