



Form Type	Distribute	Version	2.0	Ref	IPC 1752A	Sectionals	Manufacturing Info/ Material Info	Subsectionals	D, A
Supplier Information									
Company Name	TE Connectivity	Request Document ID		Contact Name	Penica, John R	Contact Title	Sr Mgr Environmental Engineering, Ind Central Eng		
Company Unique ID	TE Connectivity	Response Date	2015-11-30	Contact Email	jrpenica@te.com				
Contact Phone Number	1-717-592-3266								
Legal Statement									
Supplier Acceptance	true								
Legal Statement									
The information provided in this document is based upon reasonable inquiry of our suppliers. This information is subject to change. This information does not in any way modify existing purchase specifications or existing contractual or other agreements terms between TE Connectivity (or its affiliated companies) and its customers.									
Product									
Manufacturer Item number	1393788-3	Amount	3049.412225	Version	-	Identity			
Manufacturer Item Name	V23079A1001B301	Weight Uom	mg	Mfr Site		Authority			
Date		UOM	Each						
EUROHS-0508	Product(s) meets EU RoHS requirement without any exemptions								
ChinaRoHS-0508	Product(s) is eligible for marking with the e code under China's Measures for Administration of the control of pollution by Electronic Information Products								
EUREACH-1214	REACH Candidate Substances of Very High Concern ARE NOT Contained in the Product Above the Limits per the Definition within REACH								
Manufacturing Information									
J-STD-020 MSL Rating		Max Total a Wave Time		Ramp Rate		Wave Additional Info			
Classification Temp		Max Wave Solder Time	10.0	Ramp Down Rate		Psi Rating Reflow			
Max Time Within 5		Psi Rating Wave		Package Designator		Size	0.0		
Time Above 217		Reflow Additional Info		Preheat Max Temp		Terminal Base Alloy	NAC		
Preheat Duration		bulk Solder Termination	NAC	Nbr or Reflow Cycles		Terminal Plating	NAC		
Preheat Min Temp		Nbr of Instances	0	Component Temp Spike		Shape	NAC		
Product Disclosure									
Sub-Item/Material/Substance	Level	Name	Substance Category	Substance CAS	Substance Concentration	Quantity	Mass per Unit	UOM	Exemption
Sub-Item	1	P2L2&3 Plug green - C133				0.02	1400.0	mg	
Material	2	Plug 1				0.02	1400.0	mg	
Substance	3	Ethene, homopolymer	Supplier	9002-88-4	0.4	0.02	5.6	mg	
Substance	3	1,4-Benzenedicarboxylic acid, 2,2-[1,4-phenylenebis(imino(1-acetyl-...	Supplier	68516-73-4	0.3	0.02	4.2	mg	
Substance	3	Carbon black	Supplier	1333-86-4	0.1	0.02	1.4	mg	
Substance	3	Styrene-butadiene plastic - ISO 1043-1 Term SB	Supplier	1043-1-SB	98.5	0.02	1379.0	mg	
Substance	3	Titanium oxide (TiO2)	Supplier	13463-67-7	0.3	0.02	4.2	mg	
Substance	3	Copper, [29H,31H-phthalocyaninato(2-)-.kappa.N29,.kappa.N30,.kappa.N31,.kappa.N32]-, (SP-4-1)-	Supplier	147-14-8	0.4	0.02	5.6	mg	
Sub-Item	1	P2L2 Cover E130i - C181				1.0	491.0	mg	
Material	2	LCP				1.0	420.0	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	126.0	mg	

Substance	3	1,4-Benzenedicarboxylic acid, polymer with [1,1-biphenyl]-4,4-diol, 4-hydroxybenzoic acid, 6-hydroxy-2-naphthalenecarboxylic acid and N-(4-hydroxyphenyl)acetamide	Supplier	147310-94-9	69.7	1.0	292.74	mg	
Substance	3	Octadecanoic acid, 1,1-[2,2-bis[[[1-oxooctadecyl]oxy]methyl]-1,3-propanediyl] ester	Supplier	115-83-3	0.3	1.0	1.26	mg	
Material	2	BENTONITE DES				1.0	71.0	mg	
Substance	3	Quartz (SiO2)	Supplier	14808-60-7	3.0	1.0	2.13	mg	
Substance	3	Aluminum oxide silicate (Al2O(SiO4))	Supplier	12141-46-7	97.0	1.0	68.87	mg	
Sub-Item	1	P2 SF Pole extension+mag shield-C72+C111				1.0	471.98	mg	
Material	2	Phos Bronze				1.0	1.98	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.00198	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	1.98E-4	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.2	1.0	0.00396	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	1.0	9.9E-5	mg	
Substance	3	Copper	Supplier	7440-50-8	90.0485	1.0	1.78296	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	3.96E-4	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.35	1.0	0.00693	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	1.98E-5	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	1.0	0.00198	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	1.0	1.98E-4	mg	
Substance	3	Tin	Supplier	7440-31-5	9.0	1.0	0.1782	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	1.0	0.00198	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	1.0E-5	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	9.9E-5	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	9.9E-4	mg	
Material	2	Iron Strip				1.0	470.0	mg	
Substance	3	Vanadium	Supplier	7440-62-2	0.0070	1.0	0.0329	mg	
Substance	3	Silicon	Supplier	7440-21-3	0.15	1.0	0.705	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.047	mg	
Substance	3	Titanium	Supplier	7440-32-6	0.0070	1.0	0.0329	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.36	1.0	1.692	mg	
Substance	3	Aluminum	Supplier	7429-90-5	0.09	1.0	0.423	mg	
Substance	3	Copper	Supplier	7440-50-8	0.08	1.0	0.376	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.022	1.0	0.1034	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.047	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.01	1.0	0.047	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.06	1.0	0.282	mg	
Substance	3	Iron	Supplier	7439-89-6	98.8885	1.0	464.77595	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.022	1.0	0.1034	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.47	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.0047	mg	
Substance	3	Nitrogen	Supplier	7727-37-9	0.0070	1.0	0.0329	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.07	1.0	0.329	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.00235	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.47	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.0235	mg	
Sub-Item	1	P2L2&3 Pole extension - C72				1.0	470.0	mg	
Material	2	Iron Strip				1.0	470.0	mg	
Substance	3	Vanadium	Supplier	7440-62-2	0.0070	1.0	0.0329	mg	
Substance	3	Silicon	Supplier	7440-21-3	0.15	1.0	0.705	mg	

Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.047	mg	
Substance	3	Titanium	Supplier	7440-32-6	0.0070	1.0	0.0329	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.36	1.0	1.692	mg	
Substance	3	Aluminum	Supplier	7429-90-5	0.09	1.0	0.423	mg	
Substance	3	Copper	Supplier	7440-50-8	0.08	1.0	0.376	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.022	1.0	0.1034	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.047	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.01	1.0	0.047	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.06	1.0	0.282	mg	
Substance	3	Iron	Supplier	7439-89-6	98.8885	1.0	464.77595	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.022	1.0	0.1034	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.47	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.0047	mg	
Substance	3	Nitrogen	Supplier	7727-37-9	0.0070	1.0	0.0329	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.07	1.0	0.329	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.00235	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.47	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.0235	mg	
Sub-Item	1	P2L2&3 Magnet - C075				1.0	172.04	mg	
Material	2	CROVAC 12				1.0	172.04	mg	
Substance	3	Chromium	Supplier	7440-47-3	29.0	1.0	49.8916	mg	N/A
Substance	3	Molybdenum	Supplier	7439-98-7	1.0	1.0	1.7204	mg	N/A
Substance	3	Iron	Supplier	7439-89-6	56.0	1.0	96.3424	mg	N/A
Substance	3	Cobalt	Supplier	7440-48-4	14.0	1.0	24.0856	mg	N/A
Sub-Item	1	P2L2&3 Plug red - C132				0.02	1400.0	mg	
Material	2	Plug				0.02	1400.0	mg	
Substance	3	Pyrrrolo[3,4-c]pyrrrole-1,4-dione, 3,6-bis(4-chlorophenyl)-2,5-dihydro-	Supplier	84632-65-5	1.0	0.02	14.0	mg	
Substance	3	Quino[2,3-b]jacridine-7,14-dione, 5,12-dihydro-2,9-dimethyl-	Supplier	980-26-7	0.5	0.02	7.0	mg	
Substance	3	Styrene-butadiene plastic - ISO 1043-1 Term SB	Supplier	1043-1-SB	98.5	0.02	1379.0	mg	
Sub-Item	1	P2L2&3 Armature - C103				1.0	305.75	mg	
Material	2	BENTONITE DES				1.0	88.75	mg	
Substance	3	Quartz (SiO2)	Supplier	14808-60-7	3.0	1.0	2.6625	mg	
Substance	3	Aluminum oxide silicate (Al2O(SiO4))	Supplier	12141-46-7	97.0	1.0	86.0875	mg	
Material	2	Stainless Steel				1.0	217.0	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.15	1.0	0.3255	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.15	1.0	0.3255	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.0217	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.2	1.0	0.434	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.0217	mg	
Substance	3	Chromium	Supplier	7440-47-3	19.0	1.0	41.23	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.00217	mg	
Substance	3	Iron	Supplier	7439-89-6	67.0185	1.0	145.43014	mg	
Substance	3	Silicon	Supplier	7440-21-3	1.0	1.0	2.17	mg	
Substance	3	Manganese	Supplier	7439-96-5	2.0	1.0	4.34	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.35	1.0	0.7595	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.001085	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.217	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.0217	mg	
Substance	3	Nickel	Nickel	7440-02-0	10.0	1.0	21.7	mg	
Sub-Item	1	P2L2 SF MS - 1001				1.0	374.144	mg	
Material	2	LCP				1.0	130.0	mg	

Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	39.0	mg	
Substance	3	1,4-Benzenedicarboxylic acid, polymer with [1,1-biphenyl]-4,4-diol, 4-hydroxybenzoic acid, 6-hydroxy-2-naphthalenecarboxylic acid and N-(4-hydroxyphenyl)acetamide	Supplier	147310-94-9	69.7	1.0	90.61	mg	
Substance	3	Octadecanoic acid, 1,1-[2,2-bis[[1-oxooctadecyl]oxy]methyl]-1,3-propanediyl ester	Supplier	115-83-3	0.3	1.0	0.39	mg	
Material	2	Copper				1.0	0.834	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	8.34E-4	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.01	1.0	8.34E-5	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	8.34E-5	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	1.0E-5	mg	
Substance	3	Copper	Supplier	7440-50-8	99.7625	1.0	0.83202	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	8.34E-5	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	1.0E-5	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	4.17E-5	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	1.0E-5	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	4.17E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.05	1.0	4.17E-4	mg	
Material	2	Stainless Steel				1.0	218.51	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.15	1.0	0.32776	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.15	1.0	0.32776	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.021851	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.2	1.0	0.43702	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.021851	mg	
Substance	3	Chromium	Supplier	7440-47-3	19.0	1.0	41.5169	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.0021851	mg	
Substance	3	Iron	Supplier	7439-89-6	67.0185	1.0	146.44212	mg	
Substance	3	Silicon	Supplier	7440-21-3	1.0	1.0	2.1851	mg	
Substance	3	Manganese	Supplier	7439-96-5	2.0	1.0	4.3702	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.35	1.0	0.76478	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.00109255	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.21851	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.021851	mg	
Substance	3	Nickel	Nickel	7440-02-0	10.0	1.0	21.851	mg	
Material	2	Phos Bronze				1.0	24.8	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.35	1.0	0.0868	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	1.0	0.0248	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.00248	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.01	1.0	0.00248	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.0248	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	2.48E-4	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.00248	mg	
Substance	3	Tin	Supplier	7440-31-5	7.0	1.0	1.736	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.3	1.0	0.0744	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	2.48E-4	mg	
Substance	3	Copper	Supplier	7440-50-8	91.9625	1.0	22.8067	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	1.0	0.0248	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.00124	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.0124	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	1.24E-4	mg	
Sub-Item	1	SF 2L Spring AgNi-C088 INO				1.0	116.738225	mg	

Material	2	Au_Ag				1.0	0.1101764	mg	
Substance	3	Silver	Supplier	7440-22-4	8.0	1.0	0.00881411	mg	
Substance	3	Gold	Supplier	7440-57-5	92.0	1.0	0.10136	mg	
Material	2	LCP-GF30				1.0	40.0	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	12.0	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	5.0	1.0	2.0	mg	
Substance	3	Liquid Crystal Polymer - ISO 1043-1 Term LCP	Supplier	1043-1-LCP	65.0	1.0	26.0	mg	
Material	2	Copper Alloy				1.0	71.541225	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.03577061	mg	
Substance	3	Zinc	Supplier	7440-66-6	1.0	1.0	0.71541	mg	
Substance	3	Silicon	Supplier	7440-21-3	1.2	1.0	0.85849	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.07154122	mg	
Substance	3	Copper	Supplier	7440-50-8	92.7685	1.0	66.36772	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.06	1.0	0.04292473	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	7.1541E-4	mg	
Substance	3	Magnesium	Supplier	7439-95-4	0.3	1.0	0.21462	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.1	1.0	0.07154122	mg	
Substance	3	Iron	Supplier	7439-89-6	0.2	1.0	0.14308	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	1.0	0.00357706	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.00715412	mg	
Substance	3	Nickel	Nickel	7440-02-0	4.2	1.0	3.00473	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.00357706	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	3.5771E-4	mg	
Material	2	Ag_Ni				1.0	3.0745452	mg	
Substance	3	Nickel	Nickel	7440-02-0	10.0	1.0	0.30745	mg	
Substance	3	Silver	Supplier	7440-22-4	90.0	1.0	2.76709	mg	
Material	2	Cu_Ni				1.0	2.0122784	mg	
Substance	3	Nickel	Nickel	7440-02-0	31.0	1.0	0.62381	mg	
Substance	3	Copper	Supplier	7440-50-8	68.4	1.0	1.3764	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.6	1.0	0.01207367	mg	
Sub-Item	1	SF 2L Base AgNi-C589 INO				1.0	582.26	mg	
Material	2	E-Plate Au				1.0	0.150102	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.0050	1.0	1.0E-5	mg	
Substance	3	Gold	Supplier	7440-57-5	99.195	1.0	0.14889	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.25	1.0	3.7526E-4	mg	
Substance	3	Iron	Supplier	7439-89-6	0.25	1.0	3.7526E-4	mg	
Substance	3	Nitrogen	Supplier	7727-37-9	0.05	1.0	7.5051E-5	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.25	1.0	3.7526E-4	mg	
Material	2	LCP				1.0	113.95	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	34.185	mg	
Substance	3	1,4-Benzenedicarboxylic acid, polymer with [1,1-biphenyl]-4,4-diol, 4-hydroxybenzoic acid, 6-hydroxy-2-naphthalenecarboxylic acid and N-(4-hydroxyphenyl)acetamide	Supplier	147310-94-9	69.7	1.0	79.42315	mg	
Substance	3	Octadecanoic acid, 1,1-[2,2-bis[(1-oxooctadecyl)oxy]methyl]-1,3-propanediyl] ester	Supplier	115-83-3	0.3	1.0	0.34185	mg	
Material	2	CUNi30Mn1Fe				1.0	9.701636	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.01	1.0	9.7016E-4	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0506	0.1	1.0	0.00970164	mg	
Substance	3	Tin	Supplier	7440-31-5	0.025	1.0	0.00242541	mg	

Substance	3	Iron	Supplier	7439-89-6	0.7	1.0	0.06791145	mg	
Substance	3	Copper	Supplier	7440-50-8	66.805	1.0	6.48118	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.025	1.0	0.00242541	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.25	1.0	0.02425409	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.025	1.0	0.00242541	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.01	1.0	9.7016E-4	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.05	1.0	0.00485082	mg	
Substance	3	Manganese	Supplier	7439-96-5	1.0	1.0	0.09701636	mg	
Substance	3	Nickel	Nickel	7440-02-0	31.0	1.0	3.00751	mg	
Material	2	Ag80Ni20				1.0	2.548262	mg	
Substance	3	Nickel	Nickel	7440-02-0	20.0	1.0	0.50965	mg	
Substance	3	Silver	Supplier	7440-22-4	80.0	1.0	2.03861	mg	
Material	2	Phos Bronze				1.0	455.91	mg	
Substance	3	Copper	Supplier	7440-50-8	94.6985	1.0	431.73993	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.091182	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	1.0	0.045591	mg	
Substance	3	Tin	Supplier	7440-31-5	4.5	1.0	20.51595	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	1.0	0.0227955	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	1.0	0.45591	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.045591	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.0045591	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.3	1.0	1.36773	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.1	1.0	0.45591	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.45591	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.0227955	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.22795	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	1.0	0.45591	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.00227955	mg	
Sub-Item	1	P2L2 Foil - C118				1.0	9.5	mg	
Material	2	POLYSTER (PET)				1.0	9.5	mg	
Substance	3	Poly(oxy-1,2-ethanedioxy carbonyl-1,4-phenylene carbonyl)	Supplier	25038-59-9	100.0	1.0	9.5	mg	