

## Material Chemical Composition Datasheet

Part number	3660HF1R	Date	01.12.2021
Product	SMT DP Jack 20pin 90°, w/ rib	Total weight (g)	2,6

Composition part	Part weight (mg)	Materials	CAS no.	Ratio (%)	Weight (mg)	Weight (ppm)	Weight /part (%)
Insulation	775	LCP	110536-83-9	68	572	202692	20
		Glass fiber and others	65997-17-3	32	248	95385	10
Contact	255	Cu	7440-50-8	64,52	165	63279	6
		Zn	7440-66-6	35,463	90	34781	3
		Pb	7439-92-1	0,0068	0,017	7	0
		Fe	7439-89-6	0,009	0,023	9	0
		P	7440-14-0	0,0012	0,003	1	0
Plating Au Contact	0,93	Au	7440-57-5	99,98	1	358	0
		Co	7440-48-4	0,02	0,0002	0,0715	0
Plating Ni Contact	1,58	Ni	7440-02-0	99,9826	2	608	0
		Pb	7439-92-1	0,00015	0,0000	0,0009	0
		Cu	7440-50-8	0,0025	0,0000	0,0152	0
		Bi	7440-69-9	0,0034	0,0001	0,0207	0
		Zn	7440-66-6	0,0042	0,0001	0,0255	0
		Fe	7439-89-6	0,0029	0,0000	0,0176	0
Plating Sn Contact	1,2	Sn	7440-31-5	99,98	1,1998	461	0
		Pb	7439-92-1	0,0046	0,0001	0,0212	0
		Cu	7440-50-8	0,0093	0,0001	0,0429	0
		Bi	7440-69-9	0,00047	0,0000	0,0022	0
		Fe	7439-89-6	0,0027	0,0000	0,0125	0
Plating Shell	20,59	Al	7429-90-5	0,00293	0,0000	0,0135	0
		Ni	7440-02-0	99,98	20,59	7917,65	1
		Cu	7440-50-8	0,01	0,0021	0,79	0
		Fe	7439-89-6	0,005	0,0010	0,40	0
		Zn	7440-66-6	0,005	0,0010	0,40	0

REACH compliant	Yes	RoHS compliant	Yes	RoHS exemptions	No
-----------------	-----	----------------	-----	-----------------	----



## Important Remarks:

NEXUS COMPONENTS provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.

NEXUS COMPONENTS and NEXUS COMPONENTS' suppliers consider certain information to proprietary, and thus CAS numbers and other limited information may not be available for release.

All statements are based on our present knowledge, are provided "as is" and may be subject to change at any time due to technical requirements and development without notification.