



3300 International Airport Drive, Suite 200

Charlotte, NC 28208 (704) 424-5448

www.norcomp.net

Materials Declaration

Part Name: Headers-Right Angle
Part Number: 27633302RP2
Part Weight (kg): 0.00112

Environment Friendly Use Period: 10+ Years

RoHS TEST REPORT												
	Lead Pb		Mercury Hg		Cadmium Cd		Hexavalent Chromium Cr6		Polybrominated Biphenyls PBBs		Polybrominated Diphenyl ethers PBEs	
% Allowed	≤ 0.10		≤ 0.10		≤ 0.01		≤ 0.10		≤ 0.10		≤ 0.10	
Sub-Part Name	ppm	%	ppm	%	ppm	%	ppm	%	ppm	%	ppm	%
Insulator	N.D.		N.D.		N.D.		N.D.		N.D.		N.D.	
Contacts	ND		N.D.		N.D.		N.D.		N.D.		N.D.	
Exemptions:												

Sub-Part Name: Insulator
Sub-Part Weight (kg): 0.00033

Base Material: Nylon-6T-Black

REACH TEST REPORT				
SVHC	CAS number	EC number	D.L.	Test Results
Anthracene	120-12-7	204-371-1	0.0005	N.D.
Benzyl butyl phthalate	85-68-7	201-622-7	0.005	N.D.
Dibutyl phthalate	84-74-2	201-557-4	0.005	N.D.
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	204-211-0	0.005	N.D.
HBCDD (aHBCDD, bHBCDD, gHBCDD)	25637-99 & 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4, 221-695-9	0.005	N.D.
4,4' Diaminodiphenylmethane	101-77-9	202-974-4	0.005	N.D.
Short Chain Chlorinated Paraffins	85535-84-8	287-476-5	0.01	N.D.
musk xylene	81-15-2	201-329-4	0.005	N.D.
Triethyl arsenate	15606-95-8	427-700-2	0.005	N.D.
Bis(tributyltin)oxide	56.35-9	200-268-0	0.01	N.D.
Cobalt dichloride	7646-79-9	231-589-4	0.01	N.D.
Diarsenic pentaoxide	1303-28-2	215-116-9	0.01	N.D.
Diarsenic trioxide	1327-53-3	215-481-4	0.01	N.D.
Sodium dichromate	7789-12-0, 10588-01-9	234-190-3	0.01	N.D.

Lead hydrogen arsenate	7784-40-9	232-064-2	0.01	N.D.
2,4-Dinitrotoluene	121-14-2	204-450-0	0.005	N.D.
Anthracene oil	90640-80-5	292-602-7	0.05	N.D.
Anthracene oil, paste, distn. Lights	84-74-2	201-557-4		
Anthracene oil, paste, fraction	91995-15-2	295-275-9		
Anthracene oil, anthracene-low	90640-82-7	292-604-8		
Anthracene oil, anthracene paste	90640-81-6	292-603-2		
Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	0.005	N.D.
Aluminosilicate, Refractory Ceramic Fibres	-	Index No. 650-017-00-8	0.01	N.D.
Zirconia Aluminosilicate, Refractory Ceramic Fibres	-	Index No. 650-017-00-8	0.01	N.D.
Lead chromate	7758-97-6	231-846-0	0.005	N.D.
Lead chromate sulfate red	12656-85-8	235-759-9	0.005	N.D.
Lead chromate sulfate yellow	1344-37-2	215-693-7	0.005	N.D.
Acryamide	79-06-1	201-173-7	0.005	N.D.
Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	0.005	N.D.
Coal tar pitch, high temperature	65996-93-2	266-028-2	0.05	N.D.
Trichlorethylene	1979-1-6	201-167-4	0.005	N.D.
Boric acid	10043-35-3, 11113-50-1	233-139-2 & 234-343-4	0.01	N.D.
Disodium tetraborate, anhyrous	1330-43-4, 12179-04-3, 1303-96-4	650-017-00-8	0.01	N.D.
Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541.3	0.01	N.D.
Sodium chromate	7775-11-3	231-889-5	0.01	N.D.
Potassium chromate	7789-00-6	232-140-5	0.01	N.D.
Ammonium dichromate	7789-9-5	232-143-1	0.01	N.D.
Potassium dichromate	7778-50-9	231-906-6	0.01	N.D.

Sub-Part Name: Contacts
Sub-Part Weight (kg): 0.00079

Base Material: Brass-C2600
Plating: Gold Flash

REACH TEST REPORT				
SVHC	CAS number	EC number	D.L.	Test Results
Anthracene	120-12-7	204-371-1	0.0005	-
Benzyl butyl phthalate	85-68-7	201-622-7	0.005	-
Dibutyl phthalate	84-74-2	201-557-4	0.005	-
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	204-211-0	0.005	-
HBCDD (aHBCDD, bHBCDD, gHBCDD)	25637-99 & 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4, 221-695-9	0.005	-
4,4' Diaminodiphenylmethane	101-77-9	202-974-4	0.005	-
Short Chain Chlorinated Paraffins	85535-84-8	287-476-5	0.01	-
musk xylene	81-15-2	201-329-4	0.005	-
Triethyl arsenate	15606-95-8	427-700-2	0.005	N.D.
Bis(tributyltin)oxide	56.35-9	200-268-0	0.01	-
Cobalt dichloride	7646-79-9	231-589-4	0.01	N.D.
Diarsenic pentaoxide	1303-28-2	215-116-9	0.01	N.D.
Diarsenic trioxide	1327-53-3	215-481-4	0.01	N.D.
Sodium dichromate	7789-12-0, 10588-01-9	234-190-3	0.01	N.D.
Lead hydrogen arsenate	7784-40-9	232-064-2	0.01	N.D.
2,4-Dinitrotoluene	121-14-2	204-450-0	0.005	-
Anthracene oil	90640-80-5	292-602-7		
Anthracene oil, paste, distn. Lights	84-74-2	201-557-4		

Anthracene oil, paste, fraction	91995-15-2	295-275-9	0.05	-
Anthracene oil, anthracene-low	90640-82-7	292-604-8		
Anthracene oil, anthracene paste	90640-81-6	292-603-2		
Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	0.005	-
Aluminosilicate, Refractory Ceramic Fibres	-	Index No. 650-017-00-8	0.01	N.D.
Zirconia Aluminosilicate, Refractory Ceramic Fibres	-	Index No. 650-017-00-8	0.01	N.D.
Lead chromate	7758-97-6	231-846-0	0.005	N.D.
Lead chromate sulfate red	12656-85-8	235-759-9	0.005	N.D.
Lead chromate sulfate yellow	1344-37-2	215-693-7	0.005	N.D.
Acryamide	79-06-1	201-173-7	0.005	-
Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	0.005	-
Coal tar pitch, high temperature	65996-93-2	266-028-2	0.05	-
Trichlorethylene	1979-1-6	201-167-4	0.005	N.D.
Boric acid	10043-35-3, 11113-50-1	233-139-2 & 234-343-4	0.01	N.D.
Disodium tetraborate, anhyrous	1330-43-4, 12179-04-3, 1303-96-4	650-017-00-8	0.01	N.D.
Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541.3	0.01	N.D.
Sodium chromate	7775-11-3	231-889-5	0.01	N.D.
Potassium chromate	7789-00-6	232-140-5	0.01	N.D.
Ammonium dichromate	7789-9-5	232-143-1	0.01	N.D.
Potassium dichromate	7778-50-9	231-906-6	0.01	N.D.

- 1) The chemical analysis of Substance of Very High Concern (SVHC) is performed by means of current available analytical techniques against the list published by ECHA on 10-28-08, 01-13-10 & 3-30-10 and shall refer to <http://echa.europa.eu/chem.data/candidate.list.table.en.asp>. This list is under evaluation by ECHA and subject to change.
- 2) In accordance with EC regulation No. 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of article 7, if a substance meets the criteria in article 57 and is identified in accordance with article 59(1) of the regulation, if (a) the substance is present in those articles in quantities totaling over one ton per producer or importer per year; d (b) the substance is present in those article above a concentration of 0.1% weight by weight (w/w).
- 3) Article 33 of EC regulation No. 1907/2006 requires suppliers of an article containing a substance meeting the criteria in article 57 and identified in accordance with article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including as a minimum, the name of the substance.

Notes:

mg/kg = ppm; 0.1wt% = 1,000ppm
N.D. = Not Detected; DL = Detection Limit
SVHC = Substance of Very High Concern

U.S. references:

EPA 3050B:1996, EPA 3051A:2007, EPA 3052:1996, EPA 3540C:1996, EPA 8270D:2007, DIN 38407-13, EN 14362-1%2:2003, EN 14372:2004, EPA 9056A:2007, EPA 3060A:1996 method. Analysis is performed by IC, UV, ICP-OES and GC-MS.