

GENERAL TOLERANCES FOR UNTOLERATED DIMENSIONS:

1. ANGLE-DIMENSIONS [°]
TOLERANCE FOR ALL ANGLE-DIMENSIONS: ±2°

2. RADII: [mm]

radius	1-3	3-10	10-20	20-30	30-50
tolerance	±0.2	±0.3	±0.4	±1	±2

3. DISTANCE-DIMENSIONS: DIN 2768-mH

4. GENERAL TOLERANCE FOR SYMMETRY: ±0.2

CONNECTOR KEY-FACTS:

CONTACT SYSTEM:	2.8x0.8
WATER TIGHTNESS (IP-CODE)	IP6K9K (WHEN ASSEMBLED TO COUNTERPART)
ACC ISO 20653	
TEMPERATURE AREA (1000h)	-40°C / +105°C
ACC VW 75174 PG21 2010-04	
DYNAMIC LOAD	S03
ACC VW 75174 PG17 2018-10	SURFACE: Ag
FLAME RESISTANCE ACC UL94	HB
(ACC. DATA SHEET)	(1.6mm WALL THICKNESS)

ADDITIONAL VALID DOCUMENTS:

HA NUMBER:	CUSTOMER NUMBER:
808-209-...00	-

MATCHING TO INTERFACE CONNECTION: 808-209-...00

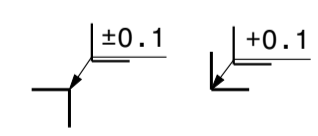
MATCHING COUNTERPART HIRSCHMANN: 809-322-511

COMMENTS:

- CODING A IS SHOWN
- DELIVERY STATUS AS DRAWN
- ENGLISH TEXT IS VALID
- MISSING DIMENSIONS SEE CAD-MODEL. THEREFORE THE GENERAL-TOLERANCES ARE VALID
- DESIGN DEVIATIONS COMPARED WITH DETAIL DRAWINGS ARE INSIGNIFICANT. THE DETAIL DRAWINGS ARE VALID.
- PART CORRESPONDS TO EU SCRAP CAR GUIDELINE 2000/53/EG
- CHANGES BASED ON TECHNICAL PROGRESS ARE IN THE DECISION OF THE MANUFACTURER! DETAILS OF IMPLEMENTATION ARE LEFT TO MANUFACTURER.
- MAX. 30% RECLAIM PERMITTED
- PART IDENTIFICATION SIMILAR DIN 1451
- DRAFT ANGLE WITHIN TOLERANCE.
- MAX. SPLIT LINE 0.2
- MAX. BURR 0.3
- SEPARATING FORCE FROM THE SOCKET OUT OF PLUG HOUSING AT ROOMTEMPERATURE MIN. 150N/V=30MM/MIN
- SEPARATING FORCE OF PRESS-IN CONTACT OUT OF THE PLUG HOUSING AT ROOMTEMPERATURE MIN. 70N/V=30MM/MIN
- WRONG ASSEMBLING FORCE FROM THE SOCKET HOUSING TO PLUG HOUSING AT ROOMTEMPERATURE MIN. 150N/V=30MM/MIN

- 16a HIRSCHMANN AUTOMOTIVE LOGO
- 16b MOLD CAVITY NUMBER
- 16c DATE STAMP
- 16d MATERIAL IDENTIFICATION
- 16e REVISION STATUS
- 16f HIRSCHMANN AUTOMOTIVE PART NUMBER
- 16g CHAMBER IDENTIFICATION

17. DIMENSIONS MADE WITH ARE DOCUMENTED IN THE INITIAL SAMPLE INSPECTION REPORT (ISIR). UNMARKED DIMENSIONS ARE ALSO MEASURED BUT NOT DOCUMENTED IN THE ISIR. VARIATIONS MUST BE CORRECTED.



POS.	COUNT:	DESCRIPTION:	MATERIAL:	COLOR:	PLATING:	COMMENT:
0010	1	PLUG SOCKET	PA66-GF25	ACC TABLE	-	-
0020	2	CONTACT PIN	CuSn0.15	-	3-6µm Ag OVER 1-3 µm Ni	-
0030	1	CPA	PA66-GF25	RED SIMILAR RAL 3003	-	-

809-321-511	A	A	BLACK SIMILAR RAL9011	~ 7.6g	-
PART NUMBER:	REVISION:	CODING:	COLOR PLUG SOCKET:	WEIGHT:	COMMENT:
HIRSCHMANN AUTOMOTIVE:					

02	02	CHANGED INDEX; CHANGED LAYOUT OF DRAWING;	23.10.2024	CD3
01	01	ADDED PLATING IN THE TABLE + CORRECTED MATCHING COUNTERPART	28.05.2024	SKU
00	00	Ersterstellung / Initial edition	06.05.2024	JW2

EMVZUGNUMMERT VERSION ANZAHL	DESCRIPTION OF CHANGE ÄNDERUNGSBESCHREIBUNG	DATE DATUM	DRAWER ZEICHNER
02	CHANGED INDEX; CHANGED LAYOUT OF DRAWING;	23.10.2024	CD3
01	ADDED PLATING IN THE TABLE + CORRECTED MATCHING COUNTERPART	28.05.2024	SKU
00	Ersterstellung / Initial edition	06.05.2024	JW2

DRAGUNG IN DIM MASSSTAB NACH ZEICHNUNG	TOLERANZEN NACH ZEICHNUNG	TITEL / BENENNUNG
TOLERANZ:	GENERAL TOLERANCES:	4-POL 2.8 STIFTGEHÄUSE
TOLERANZEN:	ALLGEMEINE TOLERANZEN:	
FORM- UND LAGE-TOLERANZEN:	GEOMETRISCHE TOLERANZEN:	
FORM- UND LAGE-TOLERANZEN:	FORM- UND LAGE-TOLERANZEN:	
BRAND GEZEICHNET	23.10.2024	C Dürser
GEZEICHNET	23.10.2024	C Schwendinger
GEPRÜFT	23.10.2024	C Schwendinger
RELEASED FREIGEGEBEN	23.10.2024	C Schwendinger

DRAWING NO. ZEICHNUNGSNUMMER	809-321-...00
SHEET / BLATT	1/1

HIRSCHMANN AUTOMOTIVE

DRWING NO. 809-321-...00
SHEET / BLATT 1/1

DRWING NO. 10000064.7270
SHEET / BLATT 1/1

This material contains information protected by copyright. All rights reserved. The prior written consent of Hirschmann Automotive is required for reproduction or translation into another language without the prior written consent of Hirschmann Automotive.

Plot from: J:\URICH on 24.06.2025 Doc.Vers. 02 Valid from: 2024-10-23 Valid until: ... Status: Kundenfreigabe