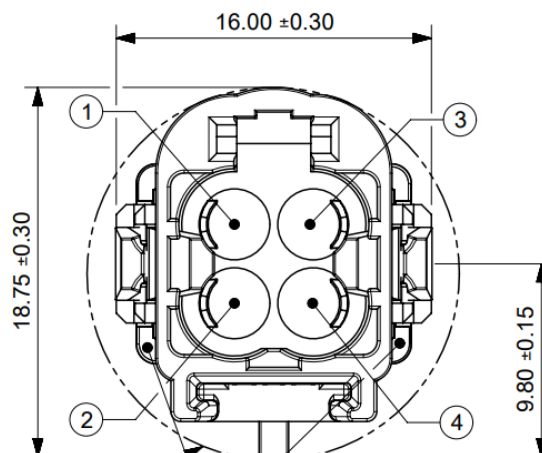
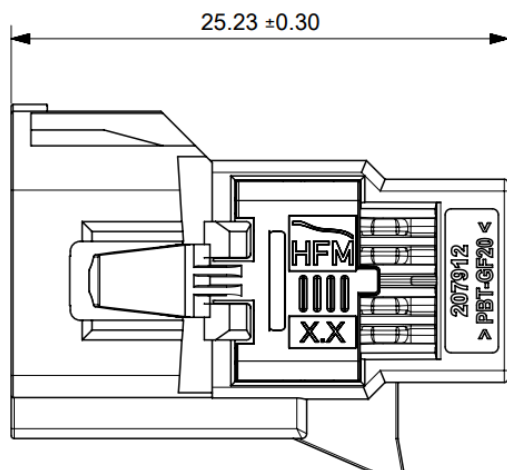
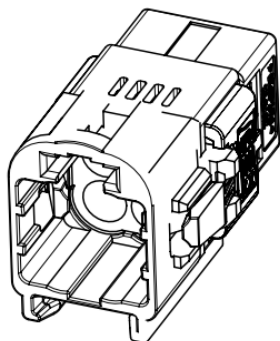




Envelope Ø18.90mm in final assembled state.

Secondary lock delivered in Pre-Lock position



○ - Cavity Number

All Dimensions are in mm.

Interface

Clip slot acc. to USCAR 18.rev.3 app. C

Material

Connector parts

Connector parts	Material
Housing	PBT-GF20
Secondary lock	PBT-GF20

Mechanical data

Mating cycles	≤ 25
Retention force latch	≥ 110 N
Retention force primary lock	≥ 80 N
Retention force secondary lock	≥ 100 N
Coding efficiency	≥ 150 N

REVISION: A3	ECM INFORMATION: EC No: 823775 DATE: 2025/06/16	TITLE: HFM-PLUG-HSG ASSEMBLY - QUAD				SHEET No. 1 of 4
DOCUMENT NUMBER: 2079125430		DOC TYPE: PSD	DOC PART: 000	CREATED / REVISED BY: VIJAYR12	CHECKED BY: ADITHS1	APPROVED BY: ADITHS1

Environmental data

Temperature range	-40°C to +105°C
Thermal shock	ISO 20860-2 clause 9.2
Temperature and humidity	ISO 20860-2 clause 9.3
Vibration and mechanical shock	ISO 20860-2 clause 9.1
Dry heat	ISO 20860-2 clause 9.4
RoHS	compliant

- Limitations are possible due to the used cable type -

Application

Applicable e.g. for following connectors: 20791214xx**

**-xx for all available cable variations

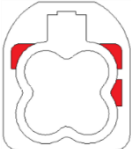
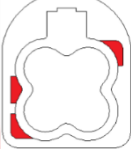
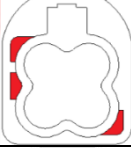
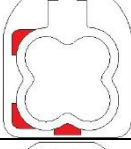
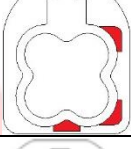
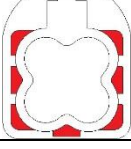
Packing

Standard	1600 pcs in carton
Weight	2.75g/piece

REVISION: A3	ECM INFORMATION: EC No: 823775 DATE: 2025/06/16	TITLE: HFM-PLUG-HSG ASSEMBLY - QUAD				SHEET No. 2 of 4
DOCUMENT NUMBER: 2079125430		DOC TYPE: PSD	DOC PART: 000	CREATED / REVISED BY: VIJAYR12	CHECKED BY: ADITHS1	APPROVED BY: ADITHS1

Coding

Part Number must be accomplished by codification.

Coding		Color	RAL	Part Number
	A	black	sim. 9005	2079125420
	B	white	sim. 9010	2079125421
	C	blue	sim. 5012	2079125422
	D	claret violet	sim. 4004	2079125423
	E	green	sim. 6017	2079125424
	F	brown	sim. 8011	2079125425
	G	Grey	Sim. 7036	2079125426
	Z	water blue	sim. 5021	2079125430
		traffic purple	sim. 4006	secondary lock

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

REVISION:	ECM INFORMATION:	TITLE:			SHEET No.
A3	EC No: 823775 DATE: 2025/06/16	HFM-PLUG-HSG ASSEMBLY - QUAD			3 of 4
DOCUMENT NUMBER:	DOC TYPE:	DOC PART:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
2079125430	PSD	000	VIJAYR12	ADITHS1	ADITHS1



PRODUCT TECHNICAL DATASHEET

REV NO	DESCRIPTION	RESPONSIBLE ENGINEER	DATE
A	INITIAL RELEASE	PRAVEEN KUMAR	20JULY2022
A1	CHANGED THE TOLERANCE 25.23±0.15 TO 25.23±0.30	PRAVEEN KUMAR	21DEC2023
A2	REMOVED PRELIMINARY TAG	PRAVEEN KUMAR	14MAR2024
A3	REMOVED DASHES FROM PART NUMBERS	VIJAYKUMAR	28May2025



REVISION:	ECM INFORMATION:	TITLE:				SHEET No.
A3	EC No: 823775	HFM-PLUG-HSG ASSEMBLY - QUAD				4 of 4
	DATE: 2025/06/16					
DOCUMENT NUMBER:		DOC TYPE:	DOC PART:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
2079125430		PSD	000	VIJAYR12	ADITHS1	ADITHS1
TEMPLATE FILENAME: ENGINEERING_SPEC[SIZE_A](V.3).DOC						