

Secondary lock delivered in pre-lock position

○ - Cavity Number

All dimensions are in mm.

Material

Connector parts

Connector parts	Material
Housing	PBT-GF20
Secondary lock	PBT-GF20
CPA	PBT-GF30

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

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DOCUMENT NUMBER:		DOC TYPE:	DOC PART:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
2079118430		PSD	000	VIJAYR12	ADITHS1	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: 20791114xx **

** -xx for all available cable variations



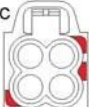


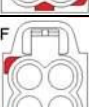
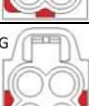
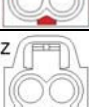
Packing

Standard	1600 pcs in carton
Weight	ca. 1.95 g/piece

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Coding

Part Number must be accomplished by codification.

Coding		Color	RAL	Part Number w/CPA	Part Number w/o CPA
	A	Black	sim. 9005	2079118420	2079118440
	B	White	sim. 9010	2079118421	2079118441
	C	Blue	sim. 5012	2079118422	2079118442
	D	Claret Violet	sim. 4004	2079118423	2079118443
	E	Green	sim. 6017	2079118424	2079118444
	F	Brown	sim. 8011	2079118425	2079118445
	G	Grey	sim. 7036	2079118426	2079118446
	Z	Water blue	sim. 5021	2079118430	2079118450
		Traffic Purple	sim. 4006	secondary lock	secondary lock
		Traffic Red	Sim. 3020	CPA	

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.

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PRODUCT TECHNICAL DATASHEET

REV	DESCRIPTION	ENGINEER	DATE
A	INITIAL RELEASE	PRAVEEN KUMAR	31-MAR-2023
A1	REMOVED PRELIMINARY TAG – CPA MATERIAL DETAILS CORRECTED	PRAVEEN KUMAR	14-MAR-2024
A2	REMOVED DASHES FROM PART NUMBERS AND ENVELOPE DIMENSION CHANGED FROM Ø16.2MM TO Ø16.3MM	VIJAYKUMAR	28-May-2025



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