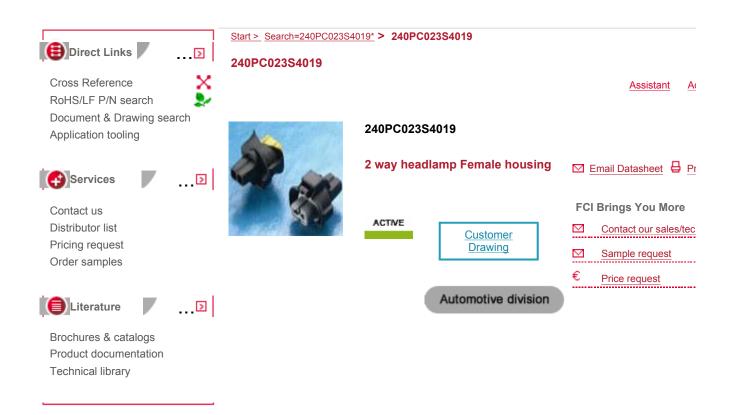
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Specifications

General Mechanical Physical Terminal 1 Type Environmental Other Features

General

Application	Lighting
Ways	2
Coding version	Yellow
Product Type	Housing
Coding	Yes
Family	Engine Compartment Connectors
Features	Terminal Position Assurance (T.P.A Mechanical Polarization Go - No - Go Housing Locking Princ Waterproof Application with Single V Fully Protected Circumferential Inter Additional Terminal Locking Device of the Housing Acceptable Wire Size Range from 0 Suitable for H8 - H11 Light Sources
Hybrid	No
Main Terminal family	DCS-2

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Main Terminal size	2.8 mm		
Sealed	Yes		
Terminal Size	2.8		
Version	H8 - H 11 Lamps		
<u>Mechanical</u>			
Connector mating force	< 60N		
Physical			
Color	Yellow		
Material	PBT		
Temperature (Range)	-40°C to+125°C		
Terminal 1 Type			
Terminal type 1	DCS-2 Female 2.8 mm Terminal		
Ways for Terminal Type 1	2		
Contact insertion force for Terminal Type 1	< 15N		
Contact Pitch for Terminal Type 1	6.1 mm		
Retention force (Contact) for Terminal Type 1	> 100N		
<u>Environmental</u>			
IMDS	Yes		
Other Features			
Туре	Female		
	Displayed data is for information pur		
Disclaimer	For more information, please contact sales office.		
	The supply of some products might some customers.		

Headlamp connectors



DCS-2

2 way sealed connetor system for 2.8 mm terminals

Features

- Suitable for H8-H9-H11 light sources
- 6.1 mm pitch
- Waterproof application with single wire seal
- Fully protected circumferential interface seal
- Go/No/Go housing locking principle
- Additional terminal locking device pre-assembled on front port of the housing
- Terminal Position Assurance (T.P.A.)
- Mechanical polarization
- Several codings available



Performance characteristics

•	Temperature range:
	from -40°C to +125°C

• Contact retention force: > 100 N

• Contact insertion force: < 15 N

• Connector mating force: < 60 N

• Sealing protection: IPX9K

 Acceptable wire range: from 0.35 to 2.50 mm²

Construction

Housing material: PBT

• Circumferential interface seal: Silicone

Tooling

• Grid removal tool: 210S040

• Terminal removal tool: 240S002

Connector compatibility

Usable terminals:
DCS-2 2.8 mm female terminals

Part Numbers	No. of position	Terminal size	Туре	Code	Colour
240 PC023S4019	2	2.8 mm	Female housing	H8/H11	Yellow
240 PC023S8019	2	2.8 mm	Female housing	H9	Grey

Headlamp connectors



DCS-2

2 way sealed connetor system for 2.8 mm terminals

Dimensional characteristics	Notes:
6.10	50±0.40