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**Технические характеристики на  
разъемы автомобильные влагозащищенные,  
сквозные SICMA Inline sealed, SICMA Mini  
Sealed, SICMA Panel-Through Sealed, SICMA  
HEADERS INTERCONNECT SEALED  
КОМПАНИИ **APTIV PLC****

# SICMA PANEL-THROUGH SEALED SERIES



SICMA Panel-Through Sealed 14W Female & Male

## BENEFITS

- Compact size for a panel mount solution and electrical link passing through a wall
- Circular through hole convenient for implementation

## FEATURES

- Pass-through bulk head type, mounted on a metal panel sheet
- Door-to-body, cockpit-to-engine or battery-to-inverter (HEV/EV) solution



## AVAILABLE CONFIGURATIONS

Cavity Count (ways)	14, 16, 24, 26*, 33, 34, 50
Cavity Configurations (mm)	0.64, 1.5, 2.8
Sealing Type	Mat Sealed
Material	PBT
Genders	Female, Male

\* 26 Way female sealed housing mates with 29 Way male unsealed housing (3 ways are neutralized).



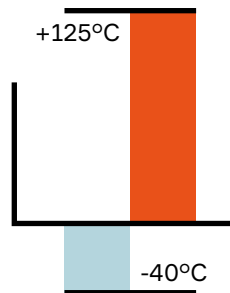
## APPLICATIONS

- Door-to-body connection
- Firewall between cockpit and engine interconnection
- Bulkhead for battery control in HV/EHV

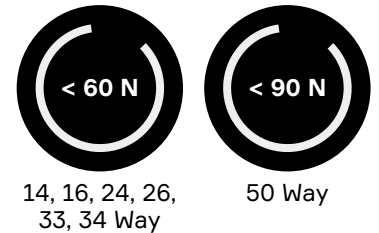
See back page for representative part numbers and packaging dimensions.



## TEMPERATURE



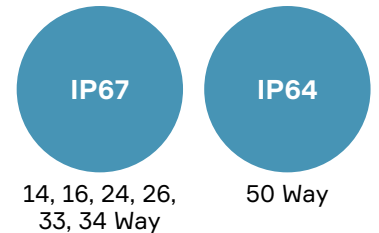
## CONNECTOR MATING FORCE



## VIBRATION



## SEALING PROTECTION



## About Aptiv

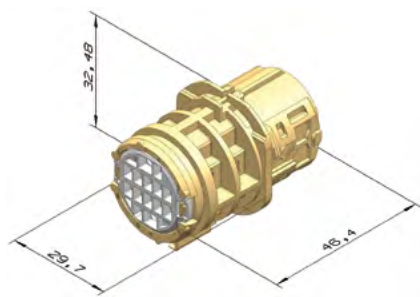
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Cavity count	Blade size (mm)	Gender	Dimensions L x W x H (mm)	Part number	Color	Indexes offered
14	1.5 (10) + 2.8 (4)	F	∅ 36.50 x 33.40	33517516	Black	1
		M	∅ 29.70 x 46.40	13798672		
16	1.5	F	∅ 36.30 x 33.40	10779313	Black	1
		M	∅ 29.70 x 46.40	33500530		
24	1.5 (18) + 2.8 (6)	F	49.10 x 32.65 x 33.30	10820454	Black	4
		M	59.40 x 37.90 x 43.90	33500427		
26	0.64 (18) + 1.5 (4) + 2.8 (4)	F	35.00 x 59.65 x 7.55	10811873	Black	1
		M	79.00 x 37.00 x 41.60	10811880		
33	1.5 (28) + 2.8 (5)	F	∅ 42.70 x 40.60	33503444	Black	2
		M	∅ 40.00 x 51.60	33503443		
34	1.5 (30) + 2.8 (4)	F	∅ 40.30 x 38.75	10763095	Black	2
		M	∅ 42.00 x 48.60	10889065		
50	1.5	F	44.50 x 51.60 x 38.20	10867079	Black	1
		M	47.60 x 89.50 x 54.90	10866552		



### DIMENSION MEASUREMENT SAMPLE



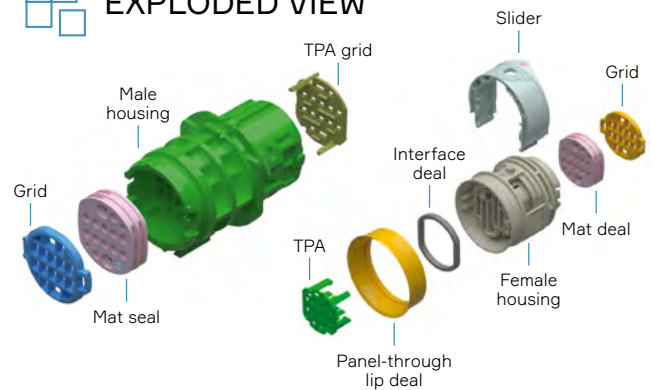
13798672



33517516



### EXPLODED VIEW



13798672

33517516



### COMPATIBLE WITH



Part numbers, specifications, dimensions and performance data in this document are for general references only and are subject to change without notice. To verify product information, please contact an Aptiv representative.

# SICMA HEADERS INTERCONNECT SEALED SERIES



SICMA Full Interconnect Sealed 56W  
Female & Pin Header

## BENEFITS

- Market standard footprint interface-to-device headers
- Sliding lever can be installed in right and left position

## FEATURES

- Wire-to-Electronic Printed Circuit Board (PCB) solution for electronic control units
- Sealed connection from harness wiring to electronic equipment



## AVAILABLE CONFIGURATIONS

Cavity Count (ways)	6	24	56	90
Number of Rows	1	3	2	3
Pitch Between Rows (mm)	-	5	6	6
Cavity Configurations (mm)	1.5, 2.8, Mixed			
Material	PBT GF 30			
Genders	Female, Pin Header			
Sealing Type	Mat Sealed			



## APPLICATIONS

- Engine management with gas converter
- Automatic gear box management



## TEMPERATURE



## SEALING PROTECTION

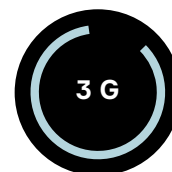
IP68  
IPX9K



## VIBRATION



6, 24 Way



56, 90 Way

See back page for representative part numbers and packaging dimensions.

## About Aptiv

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Cavity count	Blade size (mm)	Gender	Dimensions L x W x H (mm)	Part number	Orientation	Locking cam	Color	Indexes offered
6	1.5 (4) + 2.8 (2)	F	34.9 x 21.6 x 33.5	10866611	180°	No	Black	1
24	1.5 (18) + 2.8 (6)	F	32.7 x 49.1 x 35.2	10820454	180°	No	Black	4
24	1.5 (18) + 2.8 (6)	F	32.7 x 49.1 x 35.2	33504115	180°	Yes	Black	4
56	1.5	F	136.3 x 30.7 x 43.7	13669859	180°	No	Black	1
90	1.5	F	136 x 36.7 x 42.7	10776517	180°	No	Black	1
90	1.5	F	136.2 x 36.5 x 42.7	33525675	180°	Yes	Black	1

### Pin Header

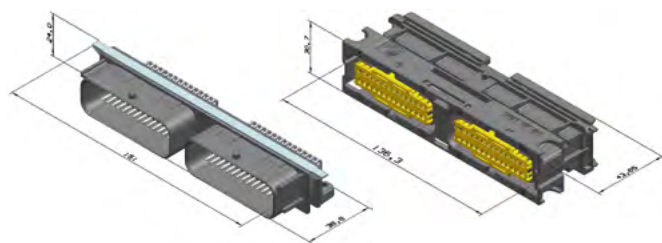
6	N/A	Pin Header	38 x 19 x 29.6	33508361	90°	N/A	Black	1
24	N/A	Pin Header	42.8 x 25.6 x 45.5	33503978	180°	N/A	Black	3
24	N/A	Pin Header	46.2 x 27.3 x 40.2	33501039	90°	N/A	Black	3
56	N/A	Pin Header	152 x 24 x 33.7	33511394	90°	N/A	Black	1
90	N/A	Pin Header	147 x 32 x 27	33508365	180°	N/A	Black	1

### Cover

56	N/A	N/A	150 x 218 x 23.3	15340261	180°	N/A	Black	N/A
90	N/A	N/A	152 x 35.9 x 27.7	10739946	180°	N/A	Black	N/A



### DIMENSION MEASUREMENT SAMPLE

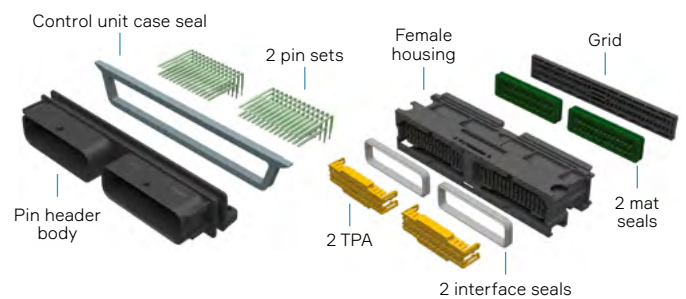


33511394

13669859



### EXPLODED VIEW



33511394

13669859



### COMPATIBLE WITH



# SICMA MINI-SEALED SERIES



SICMA Mini-Sealed 3W  
Female & Male

## BENEFITS

- Standard connection system
- Reliable inline harness sectioning connectors featuring a mechanical coding

## FEATURES

- Compatible with standard interface footprint of several devices used in automotive and commercial vehicles
- Jet spray water protection
- Compact design around 1.5 and 2.8 mm terminal



## AVAILABLE CONFIGURATIONS

Cavity Count (ways)	2, 3, 4, 5, 6, 6 Mixed
Cavity Configurations (mm)	1.5, 2.8
Material	PBT GF 30
Genders	Female, Male
Sealing Type	Mat Sealed
CPA	Optional for 2 Way



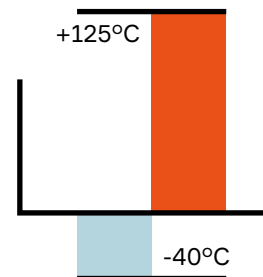
## APPLICATIONS

- Body and chassis
- Engine compartment

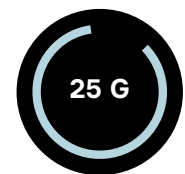
See back page for representative part numbers and packaging dimensions.



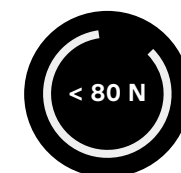
## TEMPERATURE



## VIBRATION



## CONNECTOR MATING FORCE



## SEALING PROTECTION



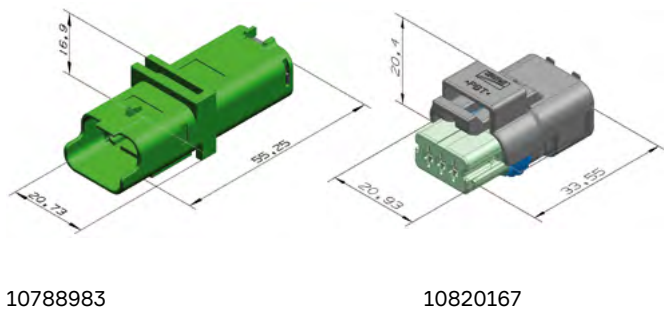
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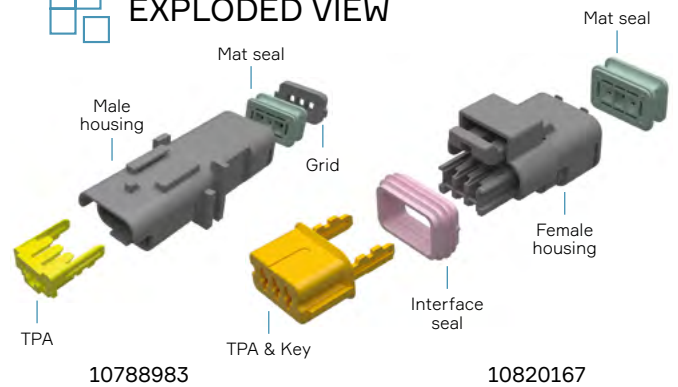


Cavity count	Blade size (mm)	Gender	Dimensions L x W x H (mm)	Part number	Color	Indexes offered
2	1.5	F	17.60 x 18.70 x 33.50	10820158	Black	9
		M	17.40 x 16.90 x 55.20	10787262		7
3	1.5	F	20.93 x 20.40 x 33.55	10820167	Black	8
		M	20.73 x 16.90 x 55.25	10788983		6
4	1.5	F	25.00 x 20.30 x 33.60	10763691	Black	3
		M	23.85 x 12.90 x 55.65	10768812		
5	1.5	F	27.10 x 20.55 x 33.80	10820113	Black	3
		M	27.30 x 16.60 x 55.45	33500323		
6	1.5	F	34.90 x 21.60 x 33.75	10866615	Black	3
		M	34.95 x 16.55 x 55.70	13716617		
6 Mixed	1.5 (4) + 2.8 (2)	F	34.90 x 21.60 x 33.75	10866611	Black	3
		M	34.95 x 16.55 x 55.70	15396354		

 DIMENSION MEASUREMENT SAMPLE



 EXPLODED VIEW



 COMPATIBLE WITH



# SICMA INLINE SEALED SERIES



SICMA In-line Sealed 6W Female & Male

## BENEFITS

- Clean body SICMA/BTS terminals are easily inserted in housing cavity
- Tin, silver, gold plated terminals available

## FEATURES

- Perfect solution for engine compartment at body mount, highly exposed to dirt and water
- Reliable IP68 watertight 6 and 8 Way connector and IP67 for the 24 Way connector
- 6 Way connector is equipped with a casing or holder for corrugated pipe by hinge principle



## AVAILABLE CONFIGURATIONS

Cavity Count (ways)	6, 8, 24
Cavity Configurations (mm)	1.5, 2.8
Centerline Spacing	2-rows 6W: 5 x 6 pitch 2-rows 8W: 4.25 x 6 pitch 3-rows 24W: 3.33 x 5 pitch
Material	PBT
Genders	Female, Male
Sealing Type	6W, 8W – Cable Sealed 24W – Mat Sealed
Terminal Position Assurance (TPA) Type	PLR (Active Secondary Lock on 6W Female)
Connector Position Assurance (CPA)	No

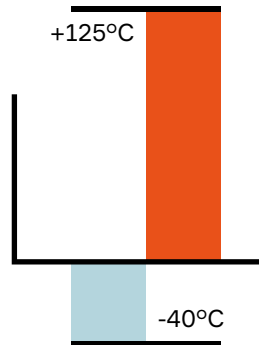


## APPLICATIONS

Exterior, chassis, engine compartment, inline, female mated to device



## TEMPERATURE



## VIBRATION



## CONNECTOR MATING FORCE



## SEALING PROTECTION

Corrugated pipe type is IPx9K guaranteed.



6, 8 Way

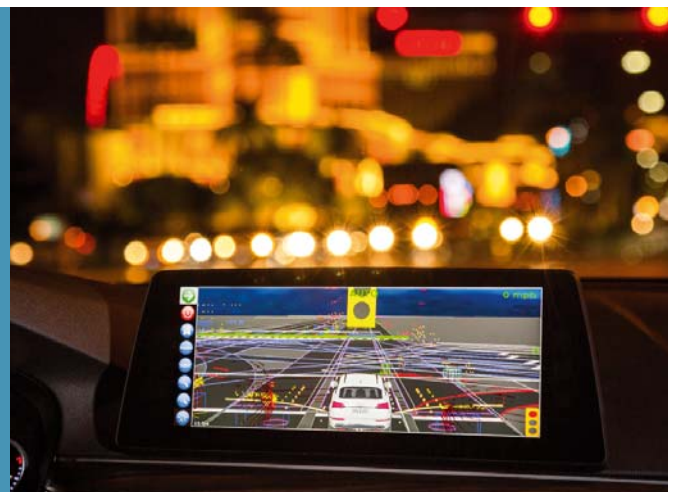


24 Way

See back page for representative part numbers and packaging dimensions.

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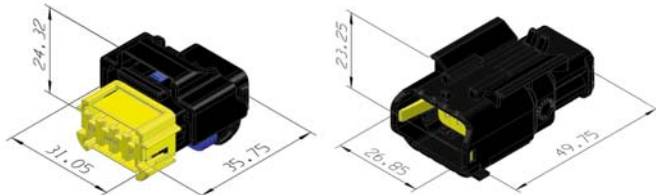


Cavity count	Blade size (mm)	Gender	Dimensions W x H x D (mm)	Fixing type	Part number	Color	Indexes offered
6	1.5 (SICMA 2&3 Plus)	F	35 x 40 x 17	N/A	10723553	Black	2
		M	30 x 65 x 21	Fixing grooves for panel cut-out	10752307		
8	1.5 (SICMA 2&3 Plus)	F	25 x 36x 31	N/A	13800077	Black	1
		M	25 x 27 x 50	Slot for fixing clip	13799643		
24	1.5 (18) + 2.8 (6)	F	50 x 34 x 33	N/A	33504115	Black	3
		M	50 x 44 x 33	Clip 15396451 or 33504091	15470023		
		M	59 x 44 x 38	Mount on Metal Panel 0.7 mm thick	33500427		

## ASSOCIATED PARTS

Type	Applicable Wire Size (mm)	Color	Part number	Note
SICMA 1.5 mm Cable Seal	1.25 - 1.90	Yellow	10736278	On 6 and 8 Way
SICMA 1.5 mm Cable Seal	1.75 - 3.0	Green	10736279	On 6 and 8 Way

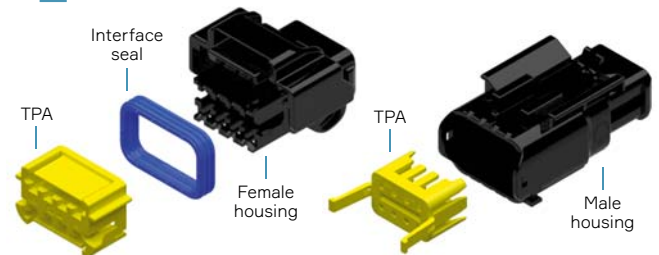
## DIMENSION MEASUREMENT SAMPLE



13800077

13799643

## EXPLODED VIEW



13800077

13799643

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