



Qikmate panel and cable connectors

Description

The versatile "SMS" Qikmate panel and cable connectors are a highly cost-effective system approach to solving the constant demand for more cost effective interconnection techniques.

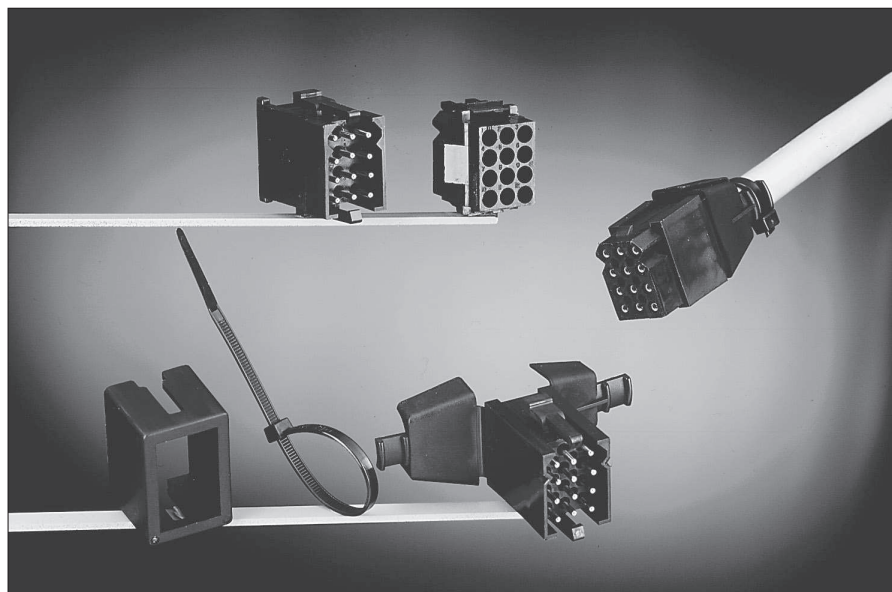
It is a range of multiway connectors using N° 16 TRIM TRIO .0625" (1.6mm) diameter contacts and available in 10 contact arrangements from 2 to 36 positions. Having no additional hardware, Panel receptacle connectors snap and lock into panel cutouts and cable plugs quick connect and disconnect with positive retention locks.

Cable plug connectors also feature pin-protection skirts, positive polarisation and can be supplied with or without integrated strain relief hoods.

Cable receptacle connectors (only with integrated strain relief hoods) are developed to mate with cable plug connectors thus offering solutions for cable to cable applications.

Features and benefits

- Available in 10 contact arrangements.
- Self mountable panel receptacle with positive housing retention.
- Cable plugs with retaining latches for positive locking.
- Cable plug has pin protection skirt to prevent damage of male contacts
- Positive polarization keys prevent mismatching.
- Cable plug and receptacle have integrated strain relief hood which can take a wide range of cables.
- Cable plug and receptacle have discrimination cavities in between contact cavities, thus offering discrimination without contact loss.
- UL recognized File Nr.: E238675



Performance characteristics

Operating temperature:	-55°C to +105°C
Insulation resistance:	5000 MΩ min.
Test potential:	2000 VAC
Durability:	500 matings and unmatings.

Construction

Material : Polyamide 6.6
Flammability rating : UL94-V2

Contact accommodation

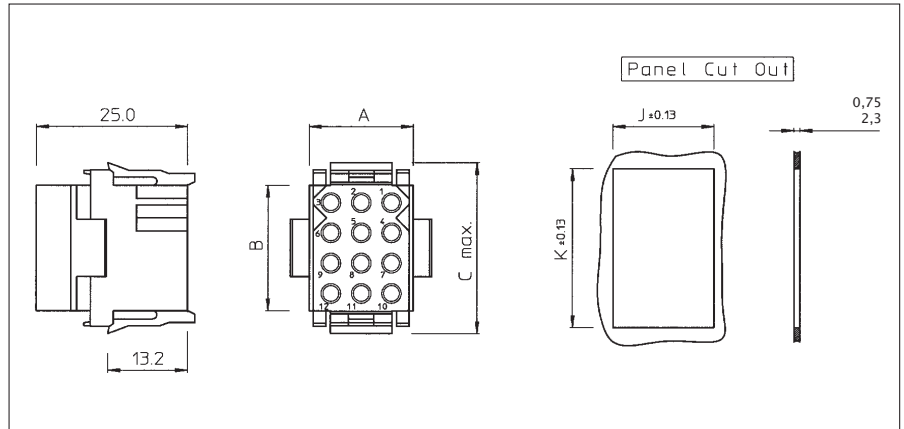
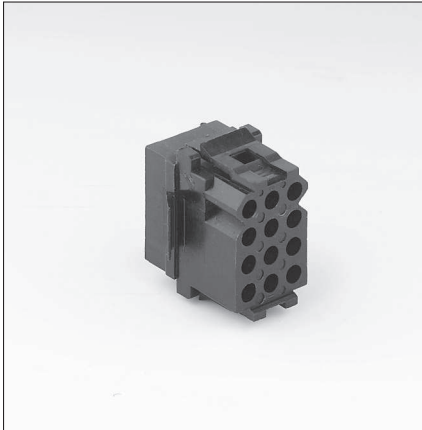
- "SMS" Qikmate connectors accept TRIM TRIO size 16 removable snap-lock contacts (see contact section)
- Contacts to be ordered separately.

How to order

Connector family		SMS SMS	12 12	PDH1 P1
Contact arrangement				
Body variation:				
R1:	Panel mount receptacle			
P1:	Cable plug without strain relief hood			
PDH1:	Cable plug with integrated strain relief hood			
RDH1:	Cable receptacle with integrated strain relief hood			

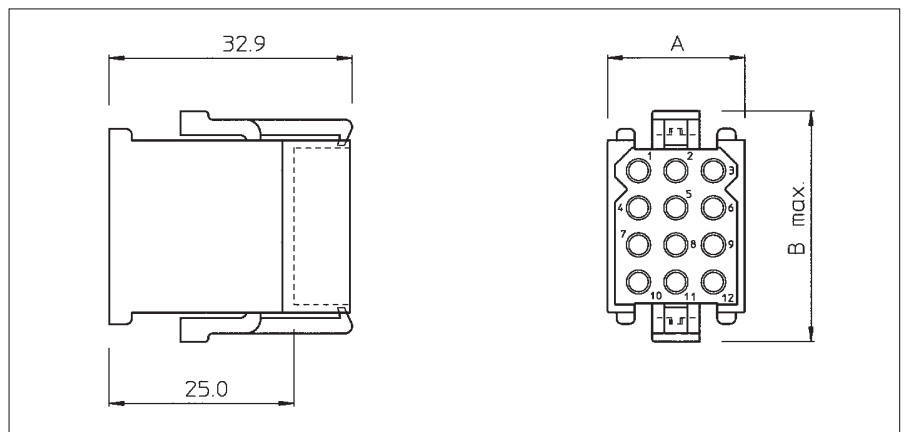
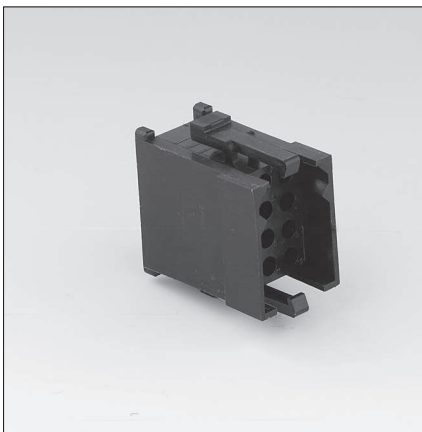


Panel mount receptacle (SMS--R1)



Part number	Number of contact pos.	A	B	C max.	J ± 0.13	K ± 0.13
SMS2R1	2	11.0	5.8	15.2	11.4	11.6
SMS3R1	3	16.2			16.5	
SMS4R1	4	21.2			21.7	
SMS6R1	6	16.2	10.9	20.3	16.5	16.7
SMS9R1	9		16.0	25.4	16.7	21.6
SMS12R1	12		21.1	30.5		26.7
SMS15R1	15		26.2	35.6		31.8
SMS18R1	18		31.2	40.6		36.9
SMS24R1	24	21.2	21.1	30.5	21.7	26.7
SMS36R1	36	46.6			47.1	

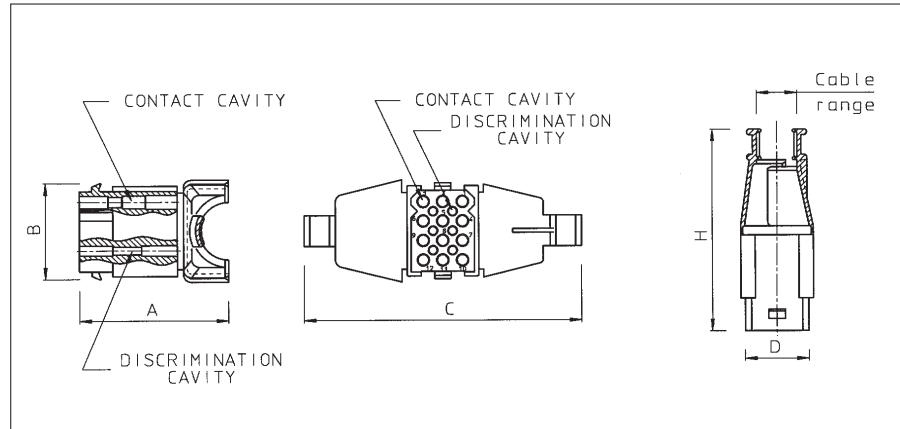
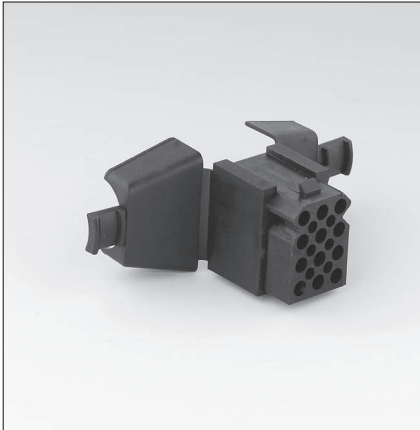
Cable plug without strain relief hood (SMS--P1)



Part number	Number of contact pos.	A	C max.
SMS2P1	2	15.0	17.8
SMS3P1	3	18.6	
SMS4P1	4	23.7	
SMS6P1	6	18.6	22.9
SMS9P1	9		27.9
SMS12P1	12		33.0
SMS15P1	15		38.1
SMS18P1	18		43.2
SMS24P1	24	23.7	33.0
SMS36P1	36	49.1	

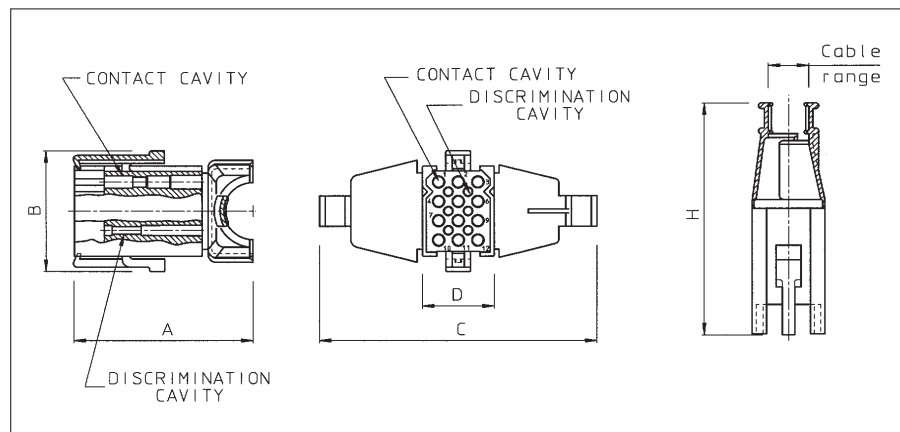
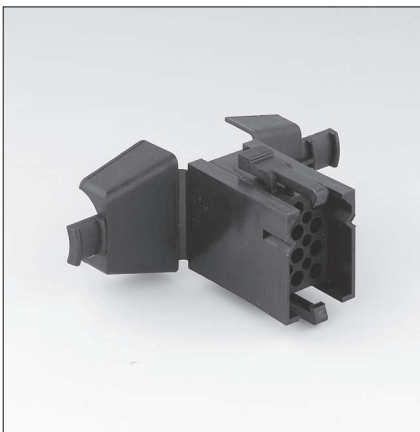


Cable receptacle with integrated strain relief hood (SMS--RDH1)



Part number contact	Number of disrimi- pos.	Number of nation pos.	A	B	C	D	H	Cable range	Recommen- dation unirap cable tie
SMS2RDH1	2	0	31.6	9.9	64.8	11.1	49.2	0.5 - 8.4	TF4D
SMS3RDH1	3	0	35.1		69.0	16.2		0.8 - 7.3	
SMS4RDH1	4	0	38.2		74.4	21.2		1.5 - 10.0	
SMS6RDH1	6	2	34.6	15.0	72.6	16.2	50.9	1.7 - 9.2	TF5D
SMS9RDH1	9	4	35.8	20.0	75.3		52.2	3.9 - 14.3	
SMS12RDH1	12	6	38.1	25.1	72.0		52.7	4.0 - 15.0	
SMS15RDH1	15	8	35.9	30.2	81.3		55.2	5.0 - 16.2	
SMS18RDH1	18	10	36.1	35.3				5.8 - 20.3	
SMS24RDH1	24	15	39.7		90.4	21.2	57.2	7.1 - 20.4	
SMS36RDH1	36	24	54.6	25.1	128.0	46.6	63.3	8.8 - 24.5	

Cable plug with integrated strain relief hood (SMS--PDH1)



Part number contact	Number of disrimi- pos.	Number of nation pos.	A	B	C	D	H	Cable range	Recommen- ded unirap cable tie
SMS2PDH1	2	0	39.5	16.4	64.8	14.1	57.1	0.5 - 8.4	TF4D
SMS3PDH1	3	0	43.0		69.0	18.6		0.8 - 7.3	
SMS4PDH1	4	0	46.1		74.4	23.7		1.5 - 10.0	
SMS6PDH1	6	2	42.5	21.5	72.6	18.6	58.8	1.7 - 9.2	TF5D
SMS9PDH1	9	4	43.7	26.7	75.3		60.1	3.9 - 14.3	
SMS12PDH1	12	6	46.0	31.7	72.0		60.6	4.0 - 15.0	
SMS15PDH1	15	8	43.8	36.7	81.3		63.1	5.0 - 16.2	
SMS18PDH1	18	10	44.0	41.8				5.8 - 20.3	
SMS24PDH1	24	15	47.6		90.4	23.7	65.1	7.1 - 20.4	
SMS36PDH1	36	24	62.5	31.7	128.0	49.1	71.2	8.8 - 24.5	