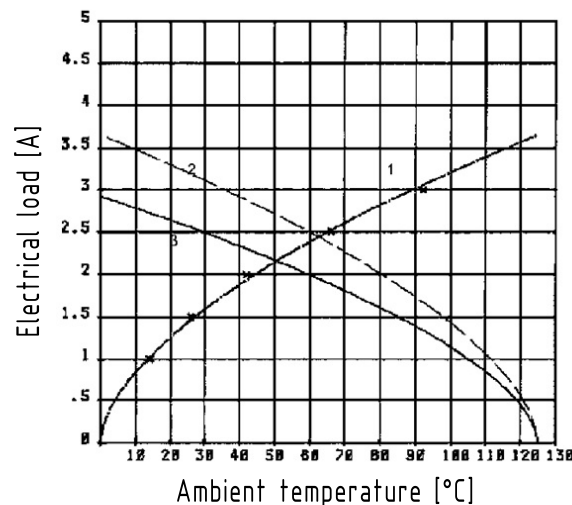


	1	2	3	4	5	6	7	8																																																
A	 SEK 18 female connector IDC  RoHS compliant				Cable information <table><tr><td>Wire material</td><td>Cu, tinned</td></tr><tr><td>Gauge</td><td>AWG 26/7 (0,141mm²) - 28/7 (0,089 mm²)</td></tr><tr><td>Insulation material</td><td>PVC or non-halogenated flame retardant Polyolefin (only for halogen free flat cable)</td></tr></table>				Wire material	Cu, tinned	Gauge	AWG 26/7 (0,141mm ²) - 28/7 (0,089 mm ²)	Insulation material	PVC or non-halogenated flame retardant Polyolefin (only for halogen free flat cable)	A																																									
Wire material	Cu, tinned																																																							
Gauge	AWG 26/7 (0,141mm ²) - 28/7 (0,089 mm ²)																																																							
Insulation material	PVC or non-halogenated flame retardant Polyolefin (only for halogen free flat cable)																																																							
B	General information <table><tr><td>Design</td><td colspan="3">IEC 60603-13</td></tr><tr><td>No. of contacts</td><td colspan="3">6, 10, 14, 16, 20, 24, 26, 30, 34, 40, 50, 60, 64</td></tr><tr><td>Contact spacing</td><td colspan="3">on PCB side 2,54 mm; on cable side 1,27 mm</td></tr><tr><td>Test voltage Ur.m.s</td><td colspan="3">1 kV</td></tr><tr><td>Working voltage</td><td colspan="3">320 V for pollution degree 1</td></tr><tr><td>Contact resistance</td><td colspan="3">max. 20mOhm</td></tr><tr><td>Insulation resistance</td><td colspan="3">min. 10⁹Ohm</td></tr><tr><td>Working current</td><td colspan="3">1 A</td></tr><tr><td>Temperature range</td><td colspan="3">-55°C ... +125°C</td></tr><tr><td>Termination technology</td><td colspan="3">IDC flat cable, 1,27 mm pitch</td></tr></table>				Design	IEC 60603-13			No. of contacts	6, 10, 14, 16, 20, 24, 26, 30, 34, 40, 50, 60, 64			Contact spacing	on PCB side 2,54 mm; on cable side 1,27 mm			Test voltage Ur.m.s	1 kV			Working voltage	320 V for pollution degree 1			Contact resistance	max. 20mOhm			Insulation resistance	min. 10 ⁹ Ohm			Working current	1 A			Temperature range	-55°C ... +125°C			Termination technology	IDC flat cable, 1,27 mm pitch			B											
Design	IEC 60603-13																																																							
No. of contacts	6, 10, 14, 16, 20, 24, 26, 30, 34, 40, 50, 60, 64																																																							
Contact spacing	on PCB side 2,54 mm; on cable side 1,27 mm																																																							
Test voltage Ur.m.s	1 kV																																																							
Working voltage	320 V for pollution degree 1																																																							
Contact resistance	max. 20mOhm																																																							
Insulation resistance	min. 10 ⁹ Ohm																																																							
Working current	1 A																																																							
Temperature range	-55°C ... +125°C																																																							
Termination technology	IDC flat cable, 1,27 mm pitch																																																							
C	<table><tr><td rowspan="7">Insertion and withdrawal forces</td><td>6-pole max. 12N for PL1-2 / 18N for PL3</td><td colspan="2">; 30-pole max. 60N for PL1-2 / 90N for PL3</td></tr><tr><td>10-pole max. 20N for PL1-2 / 30N for PL3</td><td colspan="2">; 34-pole max. 68N for PL1-2 / 102N for PL3</td></tr><tr><td>14-pole max. 28N for PL1-2 / 42 for PL3</td><td colspan="2">; 40-pole max. 80N for PL1-2 / 120N for PL3</td></tr><tr><td>16-pole max. 32N for PL1-2 / 48N for PL3</td><td colspan="2">; 50-pole max. 100N for PL1-2 / 150N for PL3</td></tr><tr><td>20-pole max. 40N for PL1-2 / 60N for PL3</td><td colspan="2">; 60-pole max. 120N for PL1-2 / 180N for PL3</td></tr><tr><td>24-pole max. 48N for PL1-2 / 72N for PL3</td><td colspan="2">; 64-pole max. 128N for PL1-2 / 192N for PL3</td></tr><tr><td>26-pole max. 52N for PL1-2 / 78N for PL3</td><td colspan="2"></td></tr><tr><td rowspan="4">Mating cycles</td><td>S4 surface treatment</td><td colspan="2">min. 0,76 µm Au</td></tr><tr><td>PL 1 acc. to IEC 60603-13</td><td>500 mating cycles</td><td>10 days gas test</td></tr><tr><td>PL 2 acc. to IEC 60603-13</td><td>250 mating cycles</td><td>4 days gas test</td></tr><tr><td>PL 3 acc. to IEC 60603-13</td><td>50 mating cycles</td><td>No gas test</td></tr><tr><td>UL file</td><td colspan="3">E 102079</td></tr><tr><td>RoHS - compliant</td><td colspan="3">Yes</td></tr><tr><td>Leadfree</td><td colspan="3">Yes</td></tr><tr><td>Hot plugging</td><td colspan="3">No</td></tr></table>				Insertion and withdrawal forces	6-pole max. 12N for PL1-2 / 18N for PL3	; 30-pole max. 60N for PL1-2 / 90N for PL3		10-pole max. 20N for PL1-2 / 30N for PL3	; 34-pole max. 68N for PL1-2 / 102N for PL3		14-pole max. 28N for PL1-2 / 42 for PL3	; 40-pole max. 80N for PL1-2 / 120N for PL3		16-pole max. 32N for PL1-2 / 48N for PL3	; 50-pole max. 100N for PL1-2 / 150N for PL3		20-pole max. 40N for PL1-2 / 60N for PL3	; 60-pole max. 120N for PL1-2 / 180N for PL3		24-pole max. 48N for PL1-2 / 72N for PL3	; 64-pole max. 128N for PL1-2 / 192N for PL3		26-pole max. 52N for PL1-2 / 78N for PL3			Mating cycles	S4 surface treatment	min. 0,76 µm Au		PL 1 acc. to IEC 60603-13	500 mating cycles	10 days gas test	PL 2 acc. to IEC 60603-13	250 mating cycles	4 days gas test	PL 3 acc. to IEC 60603-13	50 mating cycles	No gas test	UL file	E 102079			RoHS - compliant	Yes			Leadfree	Yes			Hot plugging	No			C
Insertion and withdrawal forces	6-pole max. 12N for PL1-2 / 18N for PL3	; 30-pole max. 60N for PL1-2 / 90N for PL3																																																						
	10-pole max. 20N for PL1-2 / 30N for PL3	; 34-pole max. 68N for PL1-2 / 102N for PL3																																																						
	14-pole max. 28N for PL1-2 / 42 for PL3	; 40-pole max. 80N for PL1-2 / 120N for PL3																																																						
	16-pole max. 32N for PL1-2 / 48N for PL3	; 50-pole max. 100N for PL1-2 / 150N for PL3																																																						
	20-pole max. 40N for PL1-2 / 60N for PL3	; 60-pole max. 120N for PL1-2 / 180N for PL3																																																						
	24-pole max. 48N for PL1-2 / 72N for PL3	; 64-pole max. 128N for PL1-2 / 192N for PL3																																																						
	26-pole max. 52N for PL1-2 / 78N for PL3																																																							
Mating cycles	S4 surface treatment	min. 0,76 µm Au																																																						
	PL 1 acc. to IEC 60603-13	500 mating cycles	10 days gas test																																																					
	PL 2 acc. to IEC 60603-13	250 mating cycles	4 days gas test																																																					
	PL 3 acc. to IEC 60603-13	50 mating cycles	No gas test																																																					
UL file	E 102079																																																							
RoHS - compliant	Yes																																																							
Leadfree	Yes																																																							
Hot plugging	No																																																							
D	Insulator material <table><tr><td>Material</td><td colspan="3">PBT (thermoplastics, glass fiber reinforcement 30%)</td></tr><tr><td>Color</td><td colspan="3">Black (RAL 7001) or grey (RAL 7032)</td></tr><tr><td>UL classification</td><td colspan="3">UL94-V0</td></tr><tr><td>Material group acc. IEC 60664-1</td><td colspan="3">IIIa (175 ≤ CTI < 400)</td></tr><tr><td>NF F 16-101 classification</td><td colspan="3">I3,F3</td></tr></table>				Material	PBT (thermoplastics, glass fiber reinforcement 30%)			Color	Black (RAL 7001) or grey (RAL 7032)			UL classification	UL94-V0			Material group acc. IEC 60664-1	IIIa (175 ≤ CTI < 400)			NF F 16-101 classification	I3,F3			D																															
Material	PBT (thermoplastics, glass fiber reinforcement 30%)																																																							
Color	Black (RAL 7001) or grey (RAL 7032)																																																							
UL classification	UL94-V0																																																							
Material group acc. IEC 60664-1	IIIa (175 ≤ CTI < 400)																																																							
NF F 16-101 classification	I3,F3																																																							
	Contact material <table><tr><td>Contact material</td><td colspan="3">Copper alloy</td></tr><tr><td>Plating termination zone</td><td colspan="3">Sn over Ni</td></tr><tr><td>Plating contact sliding side</td><td colspan="3">Au over Ni</td></tr></table>				Contact material	Copper alloy			Plating termination zone	Sn over Ni			Plating contact sliding side	Au over Ni																																										
Contact material	Copper alloy																																																							
Plating termination zone	Sn over Ni																																																							
Plating contact sliding side	Au over Ni																																																							
E	Derating diagram acc to IEC 60512-2 (Current carrying capacity) The current carrying capacity is limited by maximum temperature of materials for inserts and contacts including terminals. The current capacity-curve is valid for continuous, not interrupted current-loaded contacts of connectors when simultaneous power on all contacts is given without exceeding the maximum temperature. Control and test procedures according to DIN IEC 60512. 1) Temperature rise 2) Derating 3) Derating curve at I max x 0.8(IEC 60512-2) 				E																																																			
F					 All rights reserved Department EC PD - DE HARTING Electronics GmbH D-32339 Espelkamp  All Dimensions in mm Original Size DIN A3 Scale 1:1 Free size tol. Created by STORCK Inspected by LEHNERT Standardisation HOFFMANN Date 2016-09-05 State Final Release Title SEK 18 female connector IDC Type DS Number 09182100600 Doc-Key / ECM-Nr. 100661764/UGD/000/B 500000107692 Rev. B Page 1/1				F																																															
	1	2	3	4	5	6	7	8																																																

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

HARTING:

[09185065804](#) [09185065813](#) [09185066804](#) [09185066813](#) [09185067803](#) [09185105803](#) [09185107804](#)
[09185107813](#) [09185107814](#) [09185165804](#) [09185165813](#) [09185167803](#) [09185167804](#) [09185167814](#) [09185205804](#)
[09185205814](#) [09185206814](#) [09185266803](#) [09185266804](#) [09185267814](#) [09185345804](#) [09185345814](#)
[09185346814](#) [09185347813](#) [09185347814](#) [09185405803](#) [09185405804](#) [09185405814](#) [09185406814](#) [09185407804](#)
[09185407813](#) [09185407814](#) [09185506804](#) [09185605803](#) [09185605813](#) [09185606814](#) [09185607804](#)
[09185645804](#) [09185645814](#) [09185646813](#) [09185647803](#) [09185647804](#) [09185647813](#) [09185106813](#) [09185206813](#)
[09185267813](#) [09185506803](#) [09185067813](#) [09185265803](#) [09185146804](#) [09185166804](#) [09185067814](#)
[09185107803](#) [09185207814](#) [09185066814](#) [09185145804](#) [09185145813](#) [09185147813](#) [09185167813](#) [09185205803](#)
[09185266814](#) [09185307803](#) [09185346804](#) [09185505804](#) [09185506814](#) [09185605814](#) [09185606813](#)
[09185646804](#) [09185066803](#) [09185067804](#) [09185145803](#) [09185206804](#) [09185265804](#) [09185267804](#) [09185305803](#)
[09185307813](#) [09185405813](#) [09185505803](#) [09185065803](#) [09185105804](#) [09185105814](#) [09185146814](#)
[09185147804](#) [09185347804](#) [09185505814](#) [09185507814](#) [09185605804](#) [09185645803](#) [09185147814](#) [09185166814](#)
[09185305813](#) [09185306803](#) [09185306813](#) [09185345803](#) [09185345813](#) [09185406813](#) [09185507804](#)
[09185606804](#) [09185607814](#) [09185645813](#)



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.