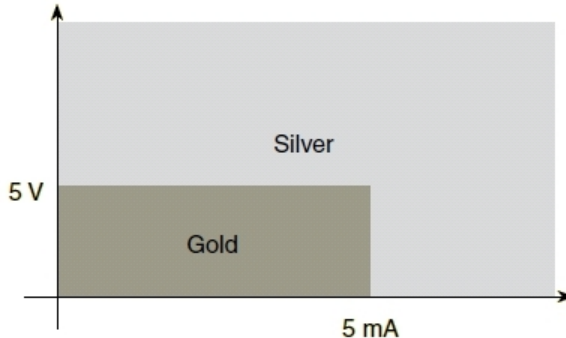
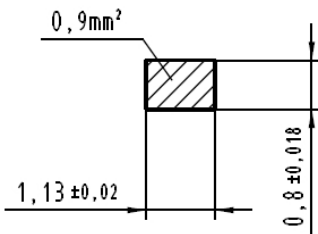
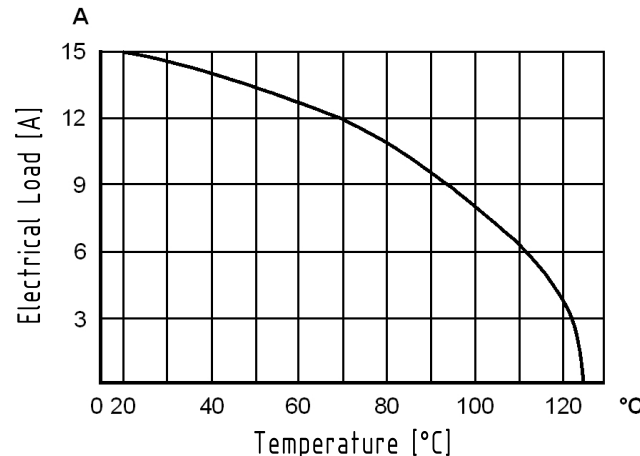


1	2	3	4	5	6	7	8																																																				
A	 DIN power female connector RoHS compliant  			Low currents and voltages Type H standard contacts have a silver plated surface. This precious metal has excellent conductive properties. In the course of a contact's lifetime, the silver surface generates a black oxide layer due to its affinity to sulphur. This layer is smooth and very thin and is partly interrupted when the contacts are mated and unmated, thus guaranteeing very low contact resistances. In the case of very low currents or voltages small changes to the transmitted signal may be encountered. In systems where such a change to the transmitted signal could lead to faulty functions and also in extremely aggressive environments, HARTING recommend the use of gold plated contacts. Below is a table derived from actual experiences. 				A																																																			
B	General information <table><tr><td>Design</td><td>IEC 60603-2</td><td>type: H female low profile</td></tr><tr><td>No. of contacts</td><td>15</td><td></td></tr><tr><td>Contact spacing</td><td>5,08 mm / 6,5 mm between the rows</td><td></td></tr><tr><td>Test voltage</td><td>3100 V</td><td></td></tr><tr><td>Contact resistance</td><td>max. 8mOhm</td><td></td></tr><tr><td>Insulation resistance</td><td>min. 10⁹Ohm</td><td></td></tr><tr><td>Working current</td><td>15A at 20°C (see derating diagram)</td><td></td></tr><tr><td>Temperature range</td><td>-55°C ... +125°C</td><td></td></tr><tr><td>Termination technology</td><td>solder</td><td></td></tr><tr><td>Clearance</td><td>min. 4,5 mm</td><td></td></tr><tr><td>Creepage</td><td>min. 8,0 mm</td><td></td></tr><tr><td>Insertion and withdrawal force</td><td>15-pole max. 90N</td><td></td></tr><tr><td>Mating cycles</td><td>- PL1 acc. to IEC 60603-2 => - PL2 acc. to IEC 60603-2 => - PL3 acc. to IEC 60603-2 =></td><td>500 mating cycles 400 mating cycles 50 mating cycles</td></tr><tr><td>UL file</td><td>E102079</td><td></td></tr><tr><td>RoHS - compliant</td><td>Yes</td><td></td></tr><tr><td>Leadfree</td><td>Yes</td><td></td></tr><tr><td>Hot plugging</td><td>No</td><td></td></tr></table>			Design	IEC 60603-2	type: H female low profile	No. of contacts	15		Contact spacing	5,08 mm / 6,5 mm between the rows		Test voltage	3100 V		Contact resistance	max. 8mOhm		Insulation resistance	min. 10 ⁹ Ohm		Working current	15A at 20°C (see derating diagram)		Temperature range	-55°C ... +125°C		Termination technology	solder		Clearance	min. 4,5 mm		Creepage	min. 8,0 mm		Insertion and withdrawal force	15-pole max. 90N		Mating cycles	- PL1 acc. to IEC 60603-2 => - PL2 acc. to IEC 60603-2 => - PL3 acc. to IEC 60603-2 =>	500 mating cycles 400 mating cycles 50 mating cycles	UL file	E102079		RoHS - compliant	Yes		Leadfree	Yes		Hot plugging	No						B
Design	IEC 60603-2	type: H female low profile																																																									
No. of contacts	15																																																										
Contact spacing	5,08 mm / 6,5 mm between the rows																																																										
Test voltage	3100 V																																																										
Contact resistance	max. 8mOhm																																																										
Insulation resistance	min. 10 ⁹ Ohm																																																										
Working current	15A at 20°C (see derating diagram)																																																										
Temperature range	-55°C ... +125°C																																																										
Termination technology	solder																																																										
Clearance	min. 4,5 mm																																																										
Creepage	min. 8,0 mm																																																										
Insertion and withdrawal force	15-pole max. 90N																																																										
Mating cycles	- PL1 acc. to IEC 60603-2 => - PL2 acc. to IEC 60603-2 => - PL3 acc. to IEC 60603-2 =>	500 mating cycles 400 mating cycles 50 mating cycles																																																									
UL file	E102079																																																										
RoHS - compliant	Yes																																																										
Leadfree	Yes																																																										
Hot plugging	No																																																										
C	Insulator material <table><tr><td>Material</td><td>PBT (thermoplastics, glass fiber reinforcement 30%)</td></tr><tr><td>Colour</td><td>RAL 7032 (grey)</td></tr><tr><td>UL classification</td><td>UL 94-V0</td></tr><tr><td>Material group acc. to IEC 60664-1</td><td>IIIa (175 ≤ CTI < 400)</td></tr><tr><td>NFF classification</td><td>I3, F4</td></tr></table> Contact material <table><tr><td>Contact material</td><td>Copper alloy</td></tr><tr><td>Plating termination zone</td><td>Ag or Au</td></tr><tr><td>Plating contact zone</td><td>Ag or Au</td></tr></table>			Material	PBT (thermoplastics, glass fiber reinforcement 30%)	Colour	RAL 7032 (grey)	UL classification	UL 94-V0	Material group acc. to IEC 60664-1	IIIa (175 ≤ CTI < 400)	NFF classification	I3, F4	Contact material	Copper alloy	Plating termination zone	Ag or Au	Plating contact zone	Ag or Au	Soldering instructions The connectors should be protected when being soldered in a dip, flow or film soldering baths. Otherwise, they might become contaminated as a result of soldering operations or deformed as a result of overheating. (1) For prototypes and short runs protect the connectors with an industrial adhesive tape, e.g. Tesaband 4331 (www.tesa.de). Cover the underside of the connector moulding and the adjacent parts of the pcb as well as the open sides of the connector. This will prevent heat and gases of the soldering apparatus from damaging the connector. About 140 + 5 mm of the tape should suffice. (2) For large series a jig is recommended. Its protective cover with a fast action mechanical locking device shields the connectors from gas and heat generated by the soldering apparatus. As an additional protection a foil can be used for covering the parts that should not be soldered.				C																																			
Material	PBT (thermoplastics, glass fiber reinforcement 30%)																																																										
Colour	RAL 7032 (grey)																																																										
UL classification	UL 94-V0																																																										
Material group acc. to IEC 60664-1	IIIa (175 ≤ CTI < 400)																																																										
NFF classification	I3, F4																																																										
Contact material	Copper alloy																																																										
Plating termination zone	Ag or Au																																																										
Plating contact zone	Ag or Au																																																										
D	Cross section of solder pins 							D																																																			
E	Derating diagram acc. to IEC 60512-5 (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, non 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 60512-5 							E																																																			
F	HARTING Electronics GmbH D-32339 Espelkamp			 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 HAGEMEYERE Inspected by TADJE Standardisation HOFFMANN Date 2014-09-12 State Final Release Title DIN power female connector Type DS Number 09062100201 Doc-Key / ECM-Nr. 100580736/UGD/000/A 500000076069 Rev. A Page 1/1				F																																																			

Mouser Electronics

Authorized Distributor

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

HARTING:

[09062152831](#) [09062152821](#) [09062152892](#) [09062152812](#) [09062152891](#) [09062152841](#)

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

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А