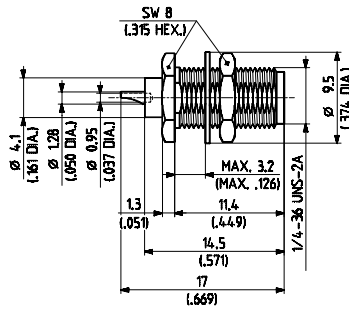


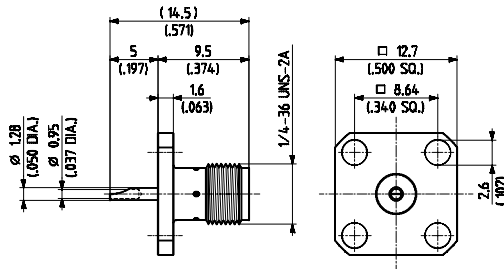
Receptacles, Jack (female)

- > rear mounting
- > without panel seal
- > for insulating washers [CLICK HERE](#)



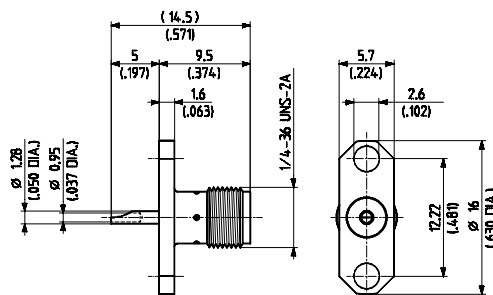
SUHNER TYPE	Order No.	Packaging	Plating Body	Mounting Hole	Notes
22 SMA-50-0-4 / 111 NH	22649418	bulk 100 pcs.	gold	ML 35	
22 SMA-50-0-44 / 133 NE	22643518	single	SUCOPLATE®	ML 35	use torque wrench 74 Z-0-79
22 SMA-50-0-203 / 111 NH	22652012	bulk 100 pcs.	gold	ML 35	

- > panel mounted



SUHNER TYPE	Order No.	Packaging	Plating Body	Notes
23 SMA-50-0-1 / 111 NH	22651409	bulk 100 pcs.	gold	
23 SMA-50-0-44 / 133 NH	22652098	bulk 100 pcs.	SUCOPLATE®	use torque wrench 74 Z-0-79
23 SMA-50-0-51 / 199 NE	22543948	single	stainless steel	

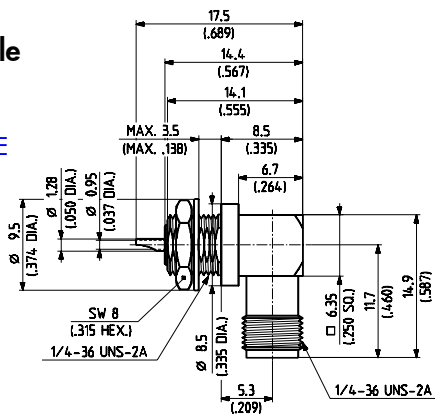
- > panel mounted



SUHNER TYPE	Order No.	Packaging	Plating Body	Notes
23 SMA-50-0-11 / 111 NE	22640095	single	gold	
23 SMA-50-0-41 / 133 NH	22644383	bulk 100 pcs.	SUCOPLATE®	use torque wrench 74 Z-0-79
23 SMA-50-0-61 / 199 NE	22544796	single	stainless steel	

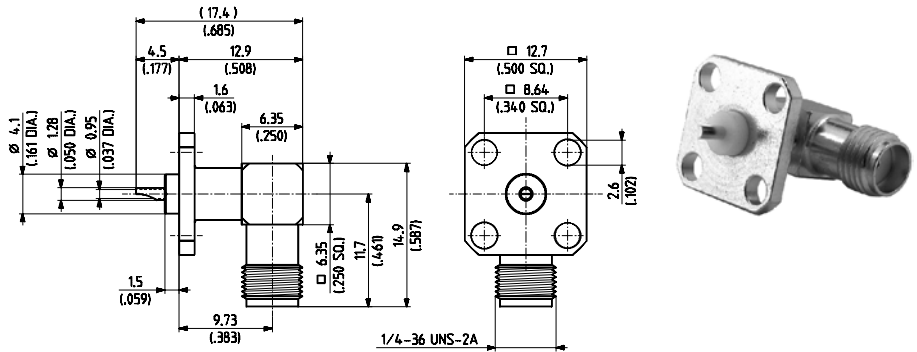
right angle receptacles, female

- > bulkhead mounted
- > for insulating washers [CLICK HERE](#)



SUHNER TYPE	Order No.	Packaging	Plating Body	Mounting Hole	Notes
27 SMA-50-0-1 / 111 NE	22544384	single	gold	ML 35	

- > panel mounted

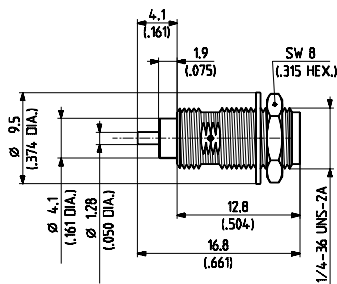


SUHNER TYPE	Order No.	Packaging	Plating Body	Notes
28 SMA-50-0-1 / 111 NH	22650703	bulk 100 pcs.	gold	
28 SMA-50-0-41 / 133 NH	22645468	bulk 100 pcs.	SUCOPLATE®	use torque wrench 74 Z-0-79

Receptacles with Coaxial End

Receptacles, Jack (female)

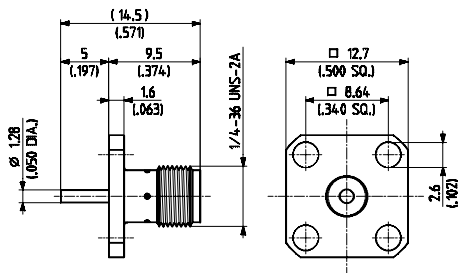
- > bulkhead mounted



SUHNER TYPE	Order No.	Packaging	Plating Body	Mounting Hole	Notes
22 SMA-50-0-3 / 111 NE	22640089	single	gold	ML 98	tap drill 74 Z-0-24
22 SMA-50-0-53 / 199 NE	22543498	single	stainless steel	ML 98	tap drill 74 Z-0-24

Receptacles, Jack (female)

> panel mounted



SUHNER TYPE	Order No.	Packaging	Plating Body	Notes
23 SMA-50-0-21 / 111 NE	22640101	single	gold	flush dielectric

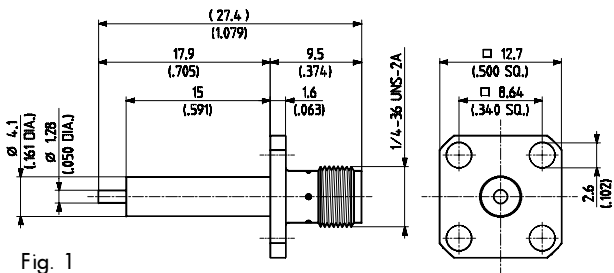


Fig. 1

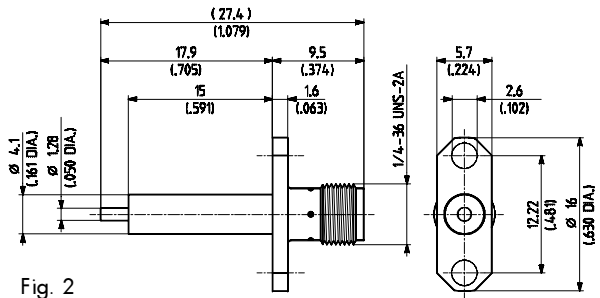


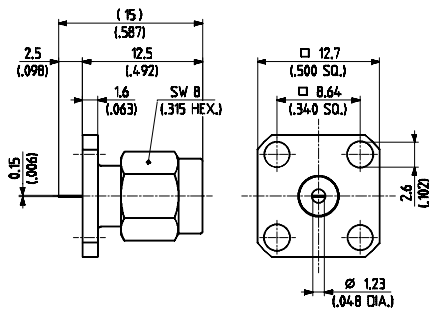
Fig. 2

SUHNER TYPE	Order No.	Packaging	Plating Body	Notes	Fig.
23 SMA-50-0-3 / 111 NE	22640092	single	gold	extended dielectric	1
23 SMA-50-0-13 / 111 NH	22658873	bulk 100 pcs.	gold	extended dielectric	2
23 SMA-50-0-53 / 199 NE	22641394	single	stainless steel	extended dielectric	1

Stripline Launchers

Panel launchers, male

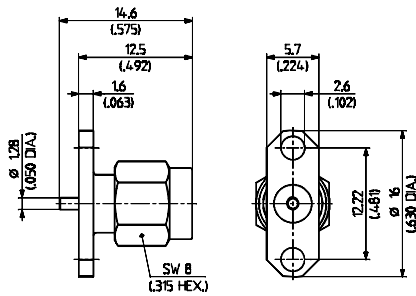
> tab contact



SUHNER TYPE	Order No.	Packaging	Plating Body	Notes
13 SMA-50-0-2 / 111 NE	22640056	single	gold	flush dielectric

Panel launchers, male

> tab contact

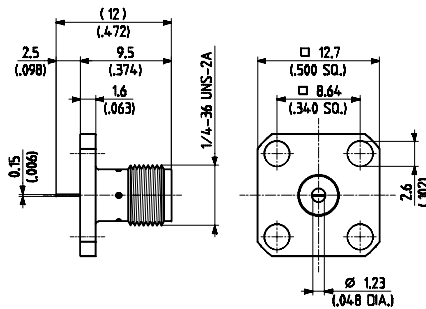


SUHNER TYPE	Order No.	Packaging	Plating Body	Notes
13 SMA-50-0-141 / 133 NH	22649018	bulk 100 pcs.	SUCOPLATE® ¹⁾	flush dielectric

1) use torque wrench 74 Z-0-0-79

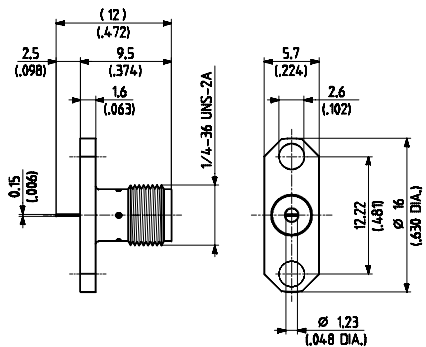
panel launchers, female

> tab contact



SUHNER TYPE	Order No.	Packaging	Plating Body	Notes
23 SMA-50-0-2 / 111 NE	22640091	single	gold	flush dielectric
23 SMA-50-0-52 / 199 NE	22543487	single	stainless steel	flush dielectric

> tab contact

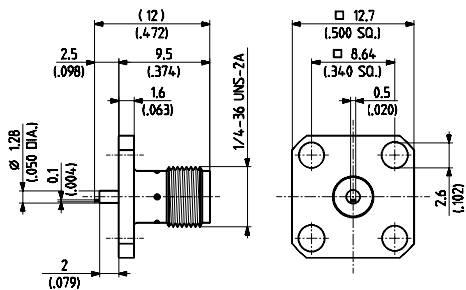


SUHNER TYPE	Order No.	Packaging	Plating Body	Notes
23 SMA-50-0-12 / 111 NE	22640096	single	gold	flush dielectric
23 SMA-50-0-62 / 199 NE	22544779	single	stainless steel	flush dielectric

Microstrip Launchers

Panel launchers, female

> tab contact, offset



SUHNER TYPE	Order No.	Packaging	Plating Body	Notes
23 SMA-50-0-4 / 111 NE	22640093	single	gold	flush dielectric

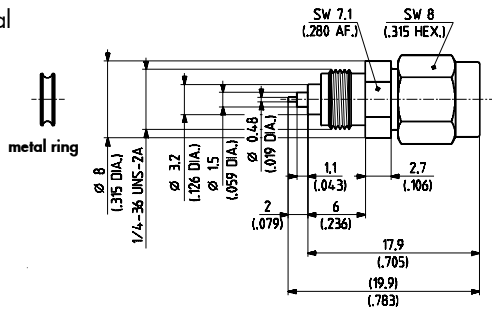
Connectors with Hermetic Seal

All hermetic seal SMA connectors use precision glass to metal seals, which are soldered into the connector body.

Caution: max. soldering temperature for hermetic seal SMA connectors is 250°C / 482°F.

Receptacle, male, hermetic seal

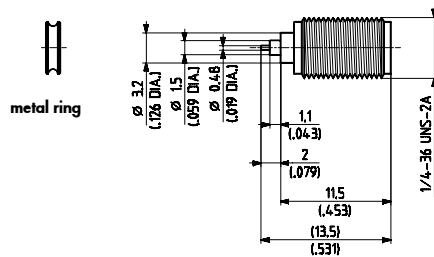
> "Spark Plug" with metal ring seal



SUHNER TYPE	Order No.	Packaging	Plating Body	Mounting Hole	Notes
12 SMA-50-0-110 / 111 NE	22652315	single	gold	ML 42	pressure max.: 200 N/cm ² (290 psi)

Receptacle, female, hermetic seal

- > "Spark Plug"
with metal ring seal



SUHNER TYPE	Order No.	Packaging	Plating Body	Mounting Hole	Notes
22 SMA-50-0-10 / 111 NE	22641291	single	gold	ML 42	pressure max.: 200 N/cm ² (290 psi)

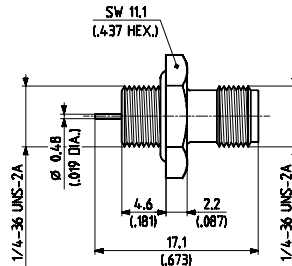
For type 12 SMA-50-0-110 (see previous page) and 22 SMA-50-0-10 (see above):

Use assembly [tool 74 Z-0-0-75](#) and torque wrench [74 Z-0-0-80](#)!

The specified torque of 200 Ncm (17.7 in.-lbs) results in a leakage rate of 10⁻⁸ Torr l/sec. (atm cc/s) maximum.

Receptacles, Jack (female)

- > bulkhead mounted
- > with panel seal



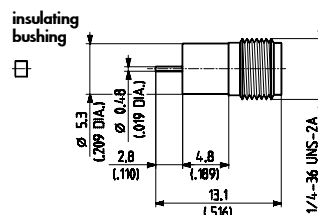
SUHNER TYPE	Order No.	Packaging	Plating Body	Mounting Hole	Notes
22 SMA-50-0-12 / 111 NE	22641293	single	gold	ML 98	pressure max.: 200 N/cm ² (290 psi) ¹⁾

1) leak rate 10⁻⁶ Torr l/sec. (atm cc/s) max.

[tap drill 74 Z-0-24](#)

Receptacles, female, hermetic seal

- > bulkhead mounted for direct soldering
- > supplied with separate insulating bushing



SUHNER TYPE	Order No.	Packaging	Plating Body	Mounting Hole	Notes
22 SMA-50-0-15 / 111 NE	22544588	single	gold	ML 96	pressure max.: 200 N/cm ² (290 psi) ¹⁾

1) leak rate 10⁻⁸ Torr l/sec. (atm cc/s) max.

soldering temperature 250° C / 482° F max.

SMA Launchers with Transition Pins

SMA launchers have interchangeable transition pins and insulators.

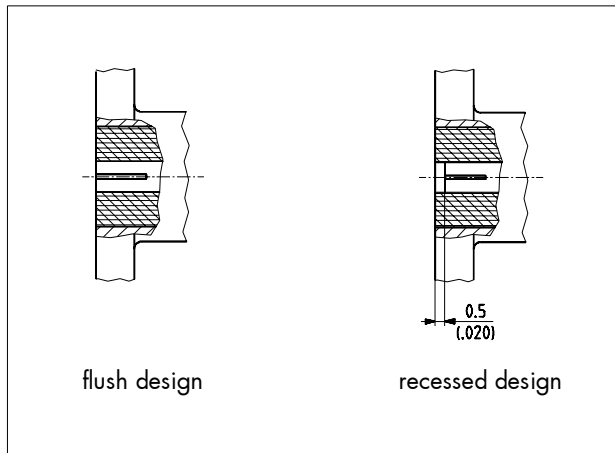
This design offers many advantages as:

- connector replacement without disturbing the electronic circuit
- improved mechanical performance
- greater design flexibility (mechanical and electrical)
- reduced inventory costs

The launchers accept transition pins with a diameter of 0.92 mm / .036 in.

Connectors and pins have to be ordered separately. All parts conform to MIL C-83517.

Connector housings are available with recessed or flush rear contact. The PTFE dielectric is always flush with the connector flange back.



Panel jacks

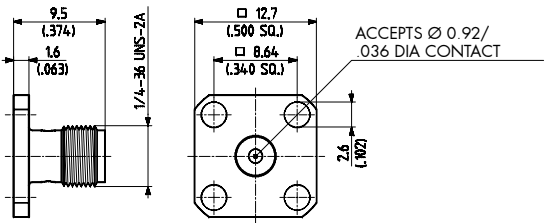


Fig. 1

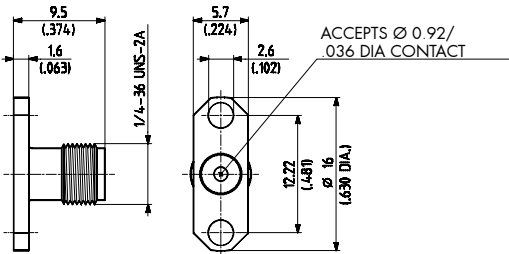
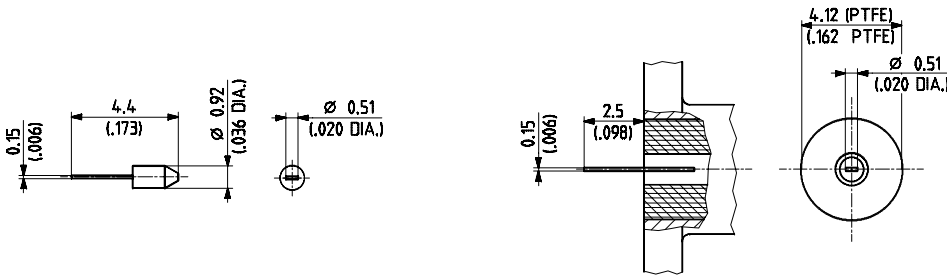


Fig. 2

SUHNER TYPE	Order No.	Packaging	Plating Body	Fig.	Notes
23 SMA-50-0-165 / 199 NE	22644159	single	stainless steel	1	flush design
23 SMA-50-0-166 / 199 NE	22644160	single	stainless steel	2	flush design
23 SMA-50-0-167 / 199 NE	22644155	single	stainless steel	1	recessed design
23 SMA-50-0-168 / 199 NE	22644156	single	stainless steel	2	recessed design

Transition Pins for Flush Launchers

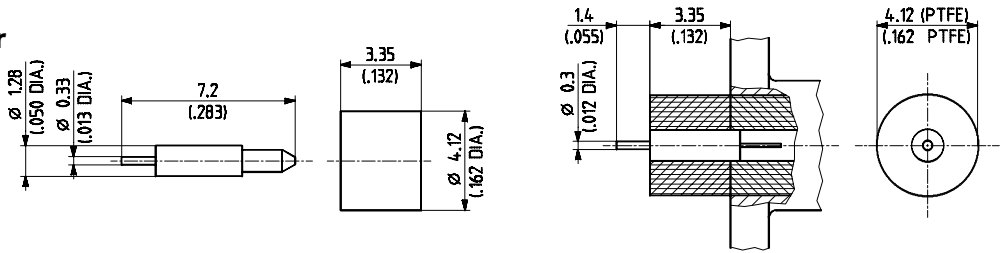
Tab Contact



SUHNER TYPE	Order No.	Packaging	Plating	Notes
73 Z-0-0-138 / 1--UZ	22644145	10 pins	gold	

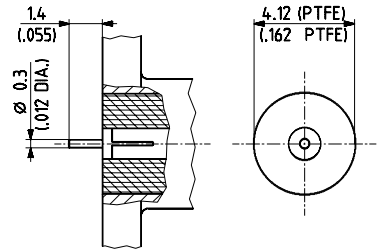
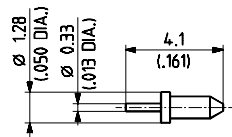
Transition Pins for Recessed Launchers

Pin Contact + Insulator



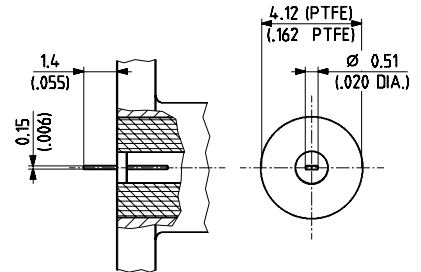
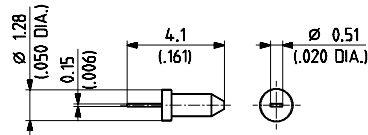
SUHNER TYPE	Order No.	Packaging	Plating	Notes
73 Z-0-0-136 / 1--UZ	22644151	10 pins and insulators	gold	

Pin Contact



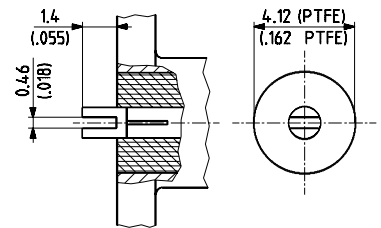
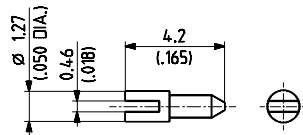
SUHNER TYPE	Order No.	Packaging	Plating	Notes
73 Z-0-0-141 / 1--UZ	22644147	10 pins	gold	

Tab Contact



SUHNER TYPE	Order No.	Packaging	Plating	Notes
73 Z-0-0-142 / 1--UZ	22644148	10 pins	gold	

Slotted Contact



SUHNER TYPE	Order No.	Packaging	Plating	Notes
73 Z-0-0-151 / 1--UZ	22644143	10 pins	gold	