

---

# ERmet<sup>®</sup> 2mm

## Right Angle Male Connectors

[www.erni.com](http://www.erni.com)





## Contents

Right Angle Male Connectors Type A for Daughter Cards	4 - 5
Right Angle Male Connectors Type B for Daughter Cards	6 - 7
Right Angle Male Connectors Type C for Daughter Cards	8 - 9
Part Number Index	10



## Right Angle Male Connectors Type A for Daughter Cards



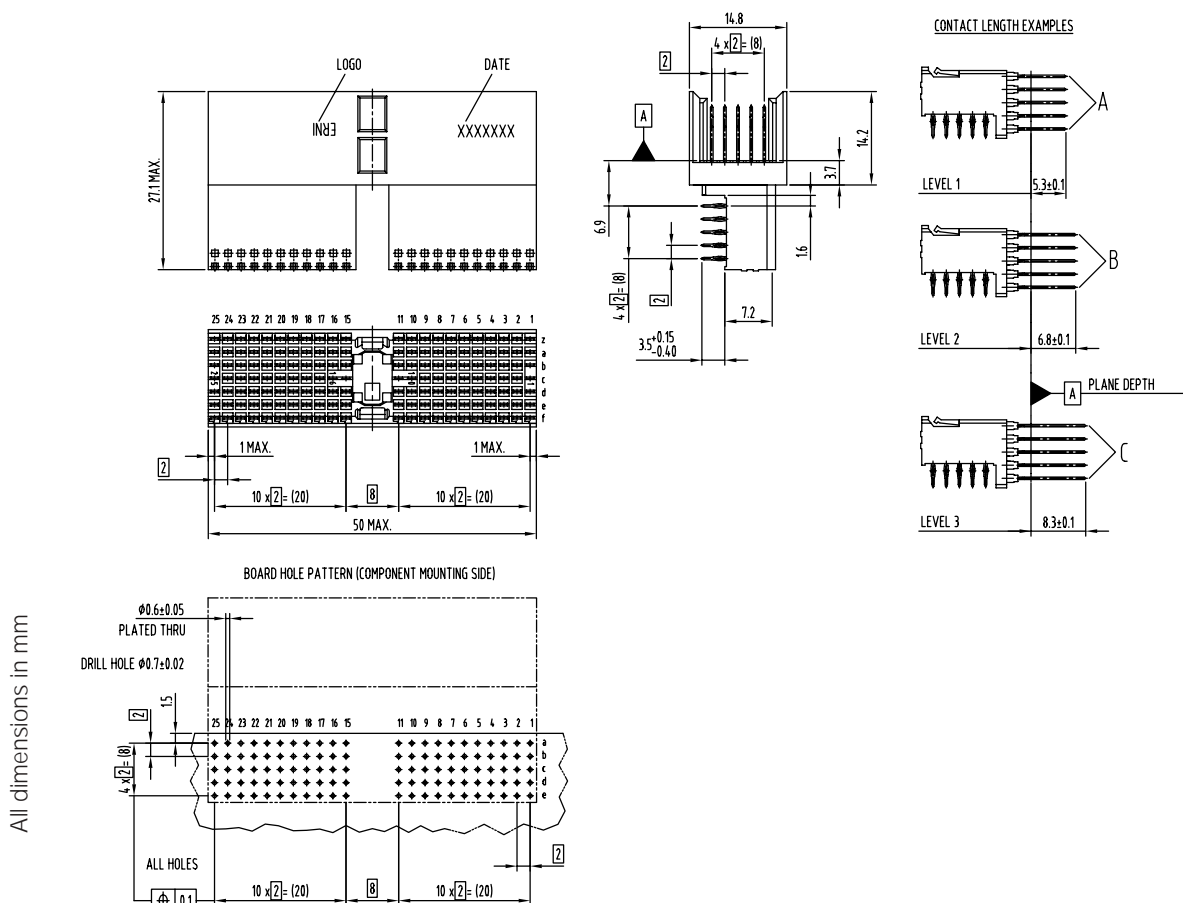
The ERmet type A right angle male connector provides 110 contacts in a 5 row x 25 position (3 positions used by multi-function cavity), fully loaded configuration.

The connector is designed for gas tight, pressfit installation and is provided in two different configurations: with integrated upper ground return shield and without integrated upper ground return shield.

The ERmet type A right angle male connector has a multifunction cavity that incorporates pre-alignment guides and accepts optional coding keys. This connector is designed to be used alone or in conjunction with either a type B or C.

Sequential mating can be achieved by the use of the three available configurations listed below. The available chicklet configurations are denoted A, B, and C, to correspond with the contact mating lengths found in ERmet 2mm male connectors. Within each chicklet, the contact mating length will always be the same and the shield pins will always be Level 3.

### Dimensional Drawing



All dimensions in mm

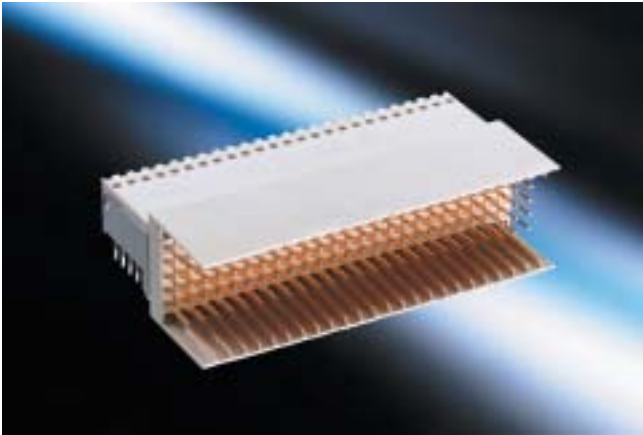
## Right Angle Male Connectors Type A for Daughter Cards

### Ordering Information

Configuration	Shielding	Positions	Part Number
Type A 	without shield	25	<b>923761</b>
Type A 	without shield	25	<b>923760</b>
Type A 	without shield	25	<b>923822</b>
Type A 	with shield	25	<b>923763</b>
Type A 	with shield	25	<b>923762</b>
Type A 	with shield	25	<b>923823</b>



## Right Angle Male Connectors Type B for Daughter Cards

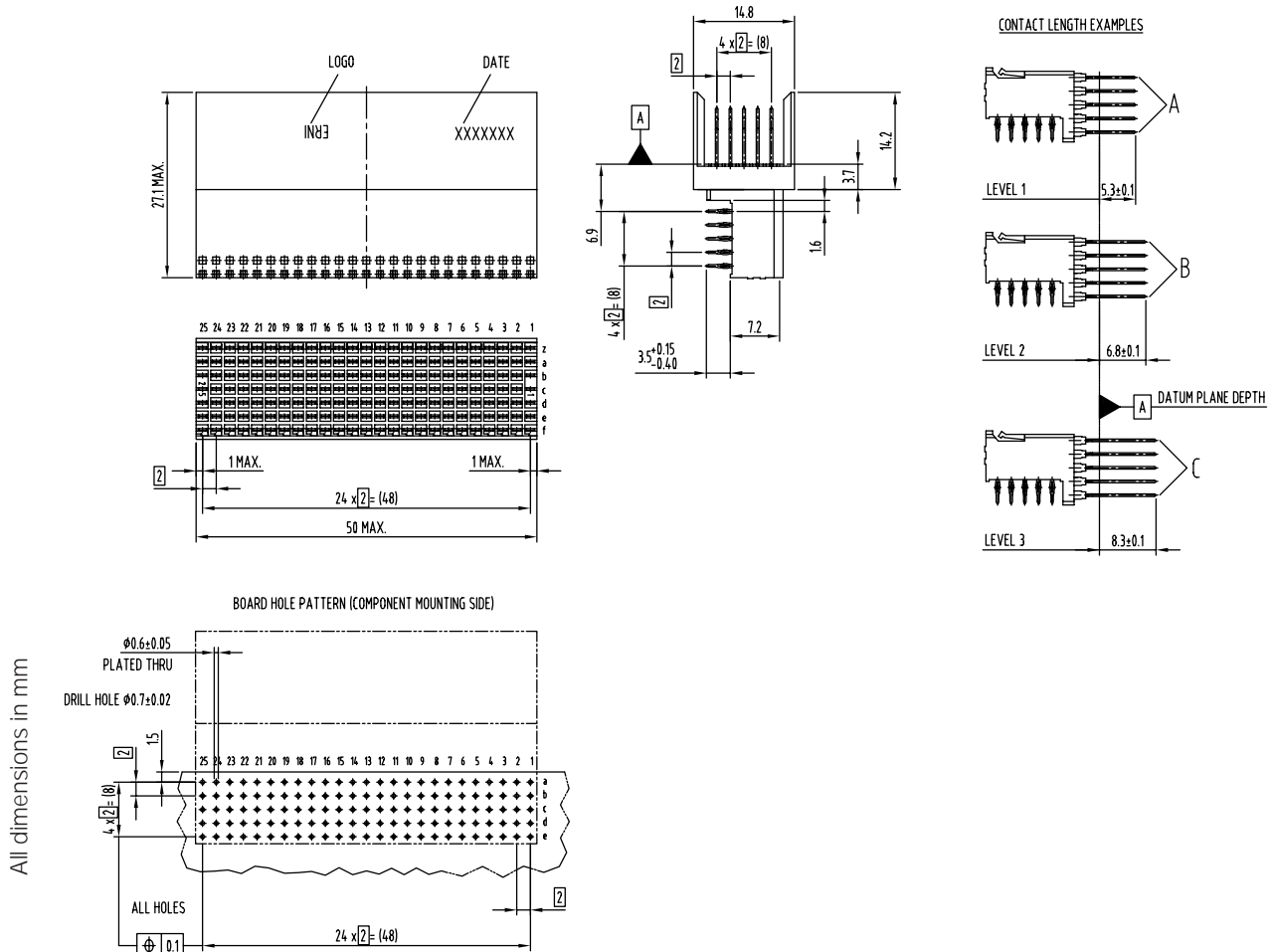


The ERmet type B right angle male connector provides 125 contacts in a 5 row x 25 position fully loaded configuration. The connector is designed for gas tight, pressfit installation and is provided in two different configurations: with integrated upper ground return shield and without integrated upper ground return shield.

The ERmet type B right angle male connector has an uninterrupted pin field with no multifunction cavity. This connector is not designed to be used alone, but is intended to be used in conjunction with either a type A or C ERmet connector.

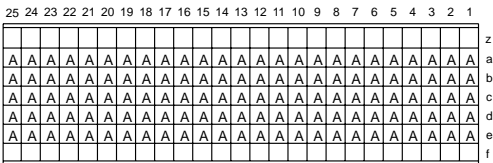
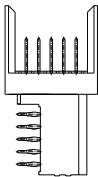
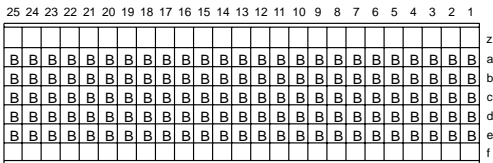
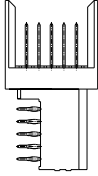
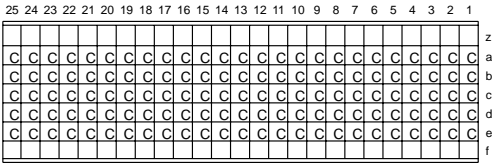
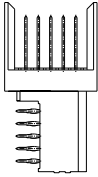
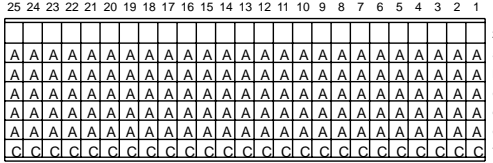
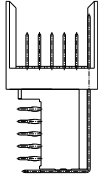
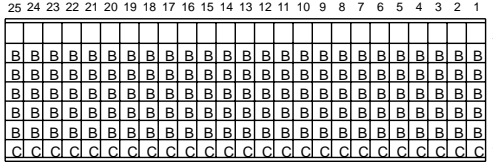
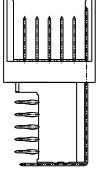
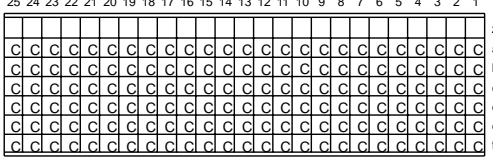
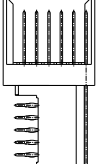
Sequential mating can be achieved by the use of the three available configurations listed below. The available chicklet configurations are denoted A, B, and C, to correspond with the contact mating lengths found in ERmet 2mm male connectors. Within each chicklet, the contact mating length will always be the same and the shield pins will always be Level 3.

### Dimensional Drawing



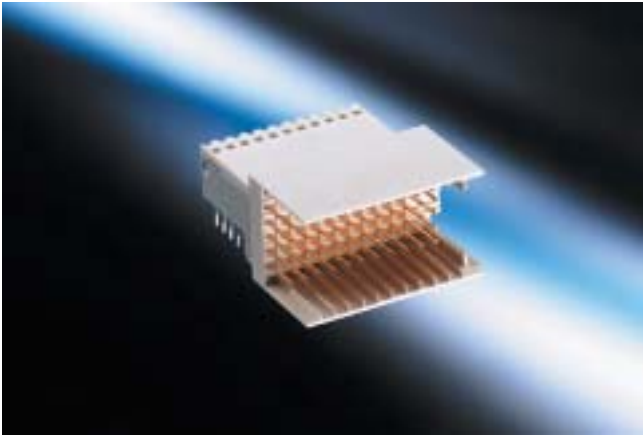
## Right Angle Male Connectors Type B for Daughter Cards

### Ordering Information

Configuration	Shielding	Positions	Part Number
Type B 	without shield	25	<b>923766</b>
			
Type B 	without shield	25	<b>923764</b>
			
Type B 	without shield	25	<b>923768</b>
			
Type B 	with shield	25	<b>923767</b>
			
Type B 	with shield	25	<b>923765</b>
			
Type B 	with shield	25	<b>923769</b>
			



## Right Angle Male Connectors Type C for Daughter Cards



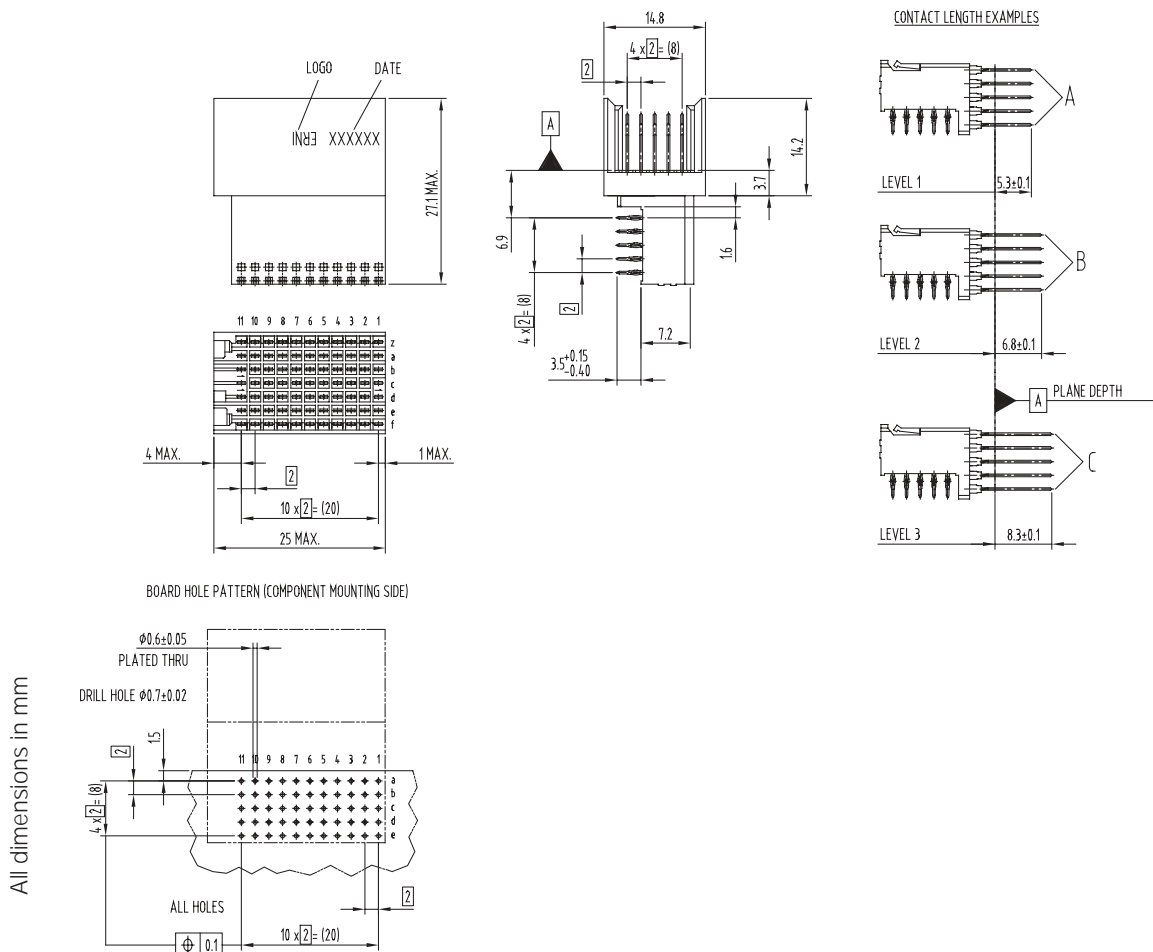
The ERmet type C male connector provides 55 contacts in a 5 row x 11 position fully loaded configuration.

The connector is designed for gas tight, pressfit installation and is provided in two different configurations: with integrated upper ground return shield and without integrated upper ground return shield.

The ERmet type C female connector has pre-alignment guides. This connector can be used alone or in conjunction with either a type A, B, L, M or N ERmet connector, however it can only be installed at the lower end of a connector row.

Sequential mating can be achieved by the use of the three available configurations listed below. The available chicklet configurations are denoted A, B, and C, to correspond with the contact mating lengths found in ERmet 2mm male connectors. Within each chicklet, the contact mating length will always be the same and the shield pins will always be Level 3.

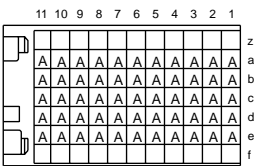
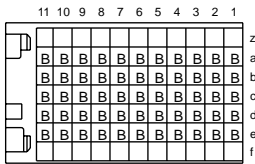
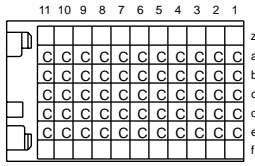
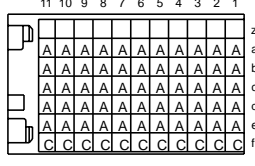
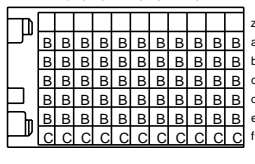
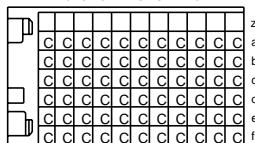
### Dimensional Drawing



All dimensions in mm

## Right Angle Male Connectors Type C for Daughter Cards

### Ordering Information

Configuration	Shielding	Positions	Part Number
Type C 	without shield	11	<b>923828</b>
Type C 	without shield	11	<b>923830</b>
Type C 	without shield	11	<b>923832</b>
Type C 	with shield	11	<b>923829</b>
Type C 	with shield	11	<b>923831</b>
Type C 	with shield	11	<b>923833</b>



## Part Number Index

Part Number	Page
923760	5
923761	5
923762	5
923763	5
923764	7
923765	7
923766	7
923767	7
923768	7
923769	7
923822	5
923823	5
923828	9
923829	9
923830	9
923831	9
923832	9
923833	9



Member



VMEbus INTERNATIONAL TRADE ASSOCIATION



**ERNI Elektroapparate GmbH**

Seestrasse 9, Postfach  
73099 Adelberg, Deutschland  
Tel +49 (0)71 66 50-0  
Fax +49 (0)71 66 50-282  
info@erni.de

Europe South America Africa

**ERNI Electronics, Inc.**

3005 E. Boundary Terrace  
Midlothian, VA 23112 USA  
Tel +1 (804) 228-4100  
Fax +1 (804) 228-4099  
info.usa@erni.com

North America Canada Mexico

**ERNI Asia Holding Pte Ltd.**

Blk 4008 Ang Mo Kio Avenue 10  
#04-01/02 Techplace I  
Singapore 569625  
Tel +65 6 555 5885  
Fax +65 6 555 5995  
info@erni-asia.com

Asia

[www.erni.com](http://www.erni.com)

ERNI Elektroapparate GmbH 2004 • Printed in Germany.  
A policy of continuous improvement is followed and the right to alter any published data without notice is reserved.