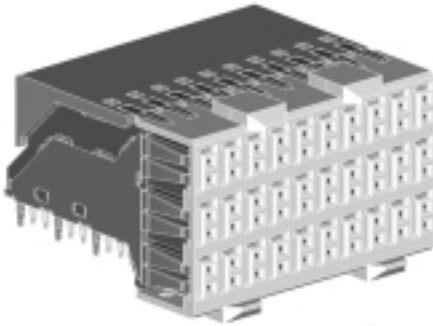


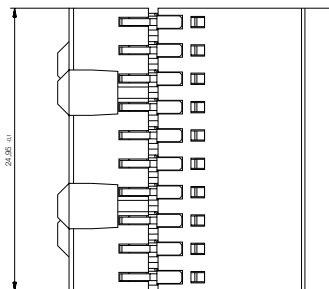
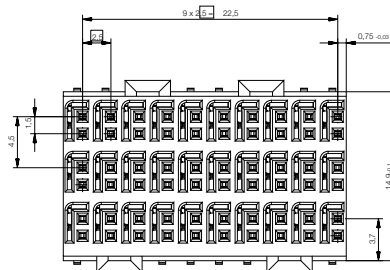
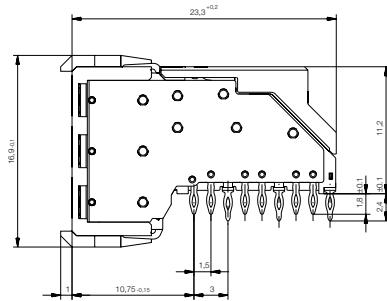
# ERmet ZD Daughter Card Connector 3 Pair Module



The female daughter card connector is available with pressfit or SMT termination. The ERmet ZD provides internal ground shields for each pair of differential signals. Various module lengths are offered in three pair wide configuration. The three pair wide version is ideal for Eurocard backplane designs with 0.8 inch card spacing. Additionally, each module has four prealignment pegs which provide easier alignment, improved rigidity, and better polarization. The layout grid facilitates integration with conventional 2mm HM (IEC 061076-4-101) connectors.

### Material Specifications

Contact Plating	0.8 $\mu\text{m}$ Au over 1.3 $\mu\text{m}$ Ni avg.
Terminal Plating	1-2 $\mu\text{m}$ SnPb over 1.3 $\mu\text{m}$ Ni avg.
Housing	LCP
SMT Temperature	260° C for 10 s
Pressfit Insertion Force	36 N / pin average
UL	94V-0 (preliminary)
Mating Force	Signals 0.7 N / pin (max.) Shields 0.9 N / pin (max.)
Withdrawal Force	Signals 0.2 N / pin (max.) Shields 0.2 N / pin (max.)



**3 pair / 6 row module with 10 wafers**

# ERmet ZD Daughter Card Connector 3 Pair Module

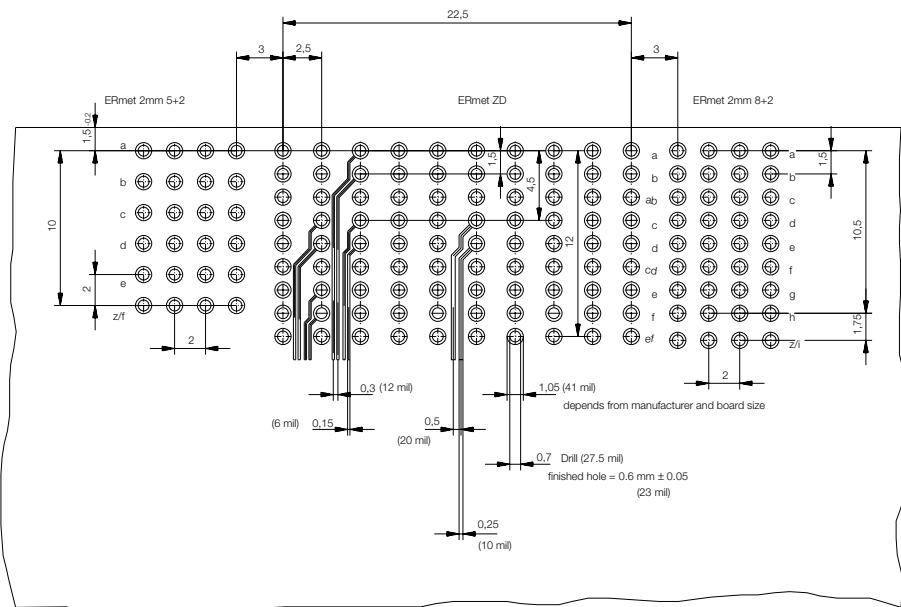
## Ordering Information

Module Style	Size	Length	Pin Configuration	SMT Termination	Pressfit Termination
3 Pair	20 wafers	50.0 mm	60 pairs/120 signals 60 grounds	<b>973002</b>	<b>973004</b>
	19 wafers	47.5 mm	57 pairs/114 signals 57 grounds	<b>973034</b>	<b>973036</b>
	17 wafers	42.5 mm	51 pairs/102 signals 51 grounds	<b>973010</b>	<b>973012</b>
	15 wafers	37.5 mm	45 pairs/90 signals 45 grounds	<b>973018</b>	<b>973020</b>
	10 wafers	25.0 mm	30 pairs/60 signals 30 grounds	<b>973026</b>	<b>973028</b>

## Layout Information

### Pressfit

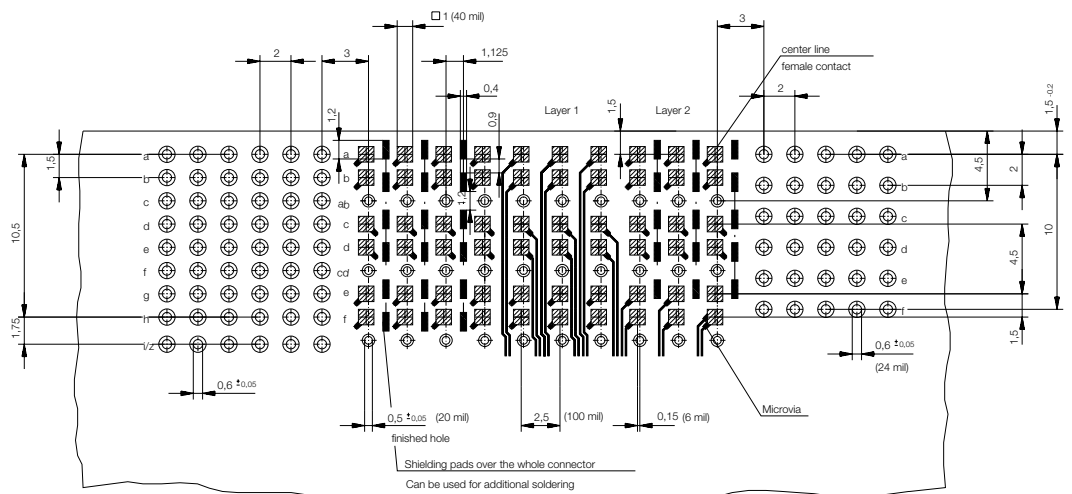
Daughter Card Layout  
Component Side View



track difference = 1.6 mm  
Tracks are only an example.

### SMT/Pin-and-Paste (Thru-Hole Reflow)

Daughter Card Layout  
Component Side View



Standard diff. track difference = 1.6 mm.  
Tracks are only an example.