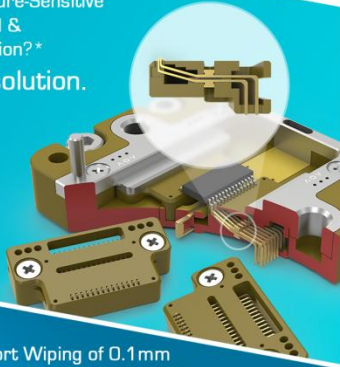


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High Performance Test Contacting Solutions Provider

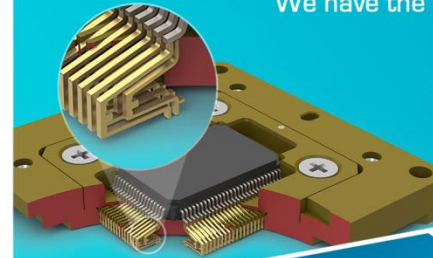
Need Kelvin, non-Kelvin
Precision Temperature-Sensitive
Testing for Industrial &
Automotive Application? *

GAMMA
[Patent Pending]



Need Scrubbing Kelvin,
non-Kelvin Tri-Temperature
and High Current Testing? *

ALPHA
[Patent Pending]



Need Short Wiping of 0.1mm
for Wettable/Dimple Pad? *

ZIGMA
[Patents 8,952,714, B2]



Need > 25 Ghz High-Frequency
Test Solution? *

ETA.5
[Patent Pending]

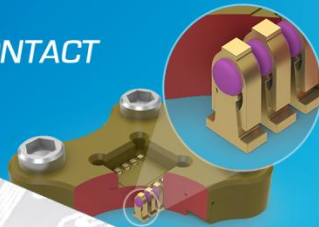


We Bring Possibilities

Designed for SUSTAINABILITY
of Specification & Performance

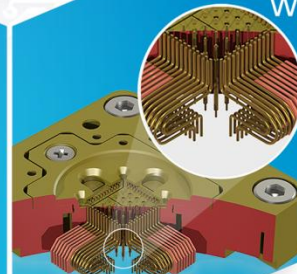
Need Short Rigid Vertical
Probing Solution? *

BELL CONTACT
[Patent Pending]



Need Kelvin Test Solution
For short pad $\geq 0.25\text{mm}$ Testing? *

OHM CONTACT
[Patent Pending]



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*For leaded & leadless packages (GFP/GFN/DFN/etc.)

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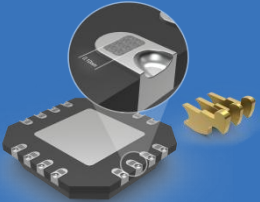
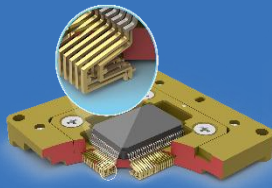
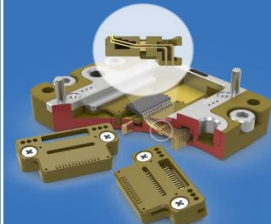
Go Green!

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High Performance Test Contacting Solutions Provider

SOLUTIONS	ZIGMA	ALPHA	GAMMA	ETA.5	OHM CONTACT	BELL CONTACT
	PACKAGE & REQUIREMENTS	 Need Short Wiping of 0.1mm for Wettable/Dimple Pad?	 Need Scrubbing Kelvin, non-Kelvin Tri-Temperature and High Current Testing?	 Need Kelvin, non-Kelvin Precision Temperature-Sensitive Testing for Industrial & Automotive Application?	 Need > 25 GHz High-Frequency Test Solution?	 Need Kelvin Test Solution for Short Pad $\geq 0.25\text{mm}$ Testing ?
QFP/ LQFP/ TQFP	✓	✓	✓		✓	
DFN/ QFN	✓	✓	✓	✓	✓	✓
DR-QFN		✓	✓			
SOP/ SOIC/ TSSOP	✓	✓	✓	✓	✓	✓
SOT	✓	✓	✓	✓	✓	✓
TO-220, TO-247	✓	✓	✓		✓	
LGA	✓	✓	✓	✓		✓
BGA/ CSP						✓
WLCSP						✓
Customize	✓	✓	✓	✓	✓	✓
Min. Pitch	$\geq 0.30\text{ mm}$	$\geq 0.40\text{ mm}$	$\geq 0.40\text{ mm}$	$\geq 0.30\text{ mm}$	$\geq 0.40\text{ mm}$	$\geq 0.40\text{ mm}$
Kelvin/ Non-Kelvin	Non-Kelvin	Kelvin / Selected Kelvin	Kelvin / Selected Kelvin	Non-Kelvin	Kelvin / Selected Kelvin	Non-Kelvin
Contact Resistance	$\leq 25.0\text{ m}\Omega$	$< 30.0\text{ m}\Omega$	$< 30.0\text{ m}\Omega$	$\leq 25.0\text{ m}\Omega$	$150\text{ m}\Omega$	$\leq 30.0\text{ m}\Omega$
Max. Current	4.5 Amp	3.2 Amp	2.4 Amp	3.0 Amp	0.35 Amp	2.0 Amp
Bandwidth	14 GHz ~ 40 GHz	3.6 GHz ~ 13 GHz	500 MHz	27 GHz	N/A	40 GHz
Temperature	- 45°C to +155°C	- 45°C to +155°C	- 45°C to +155°C	- 45°C to +155°C	- 45°C to +155°C	- 45°C to +155°C

** Note: The stated specifications are based on JF Microtechnology's laboratory test and subject to change without prior notice; please contact JFM Sales personal if required further info.

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