



Ultra Fast Series Products High Performance Contacts For Hand Test & Automation		S200 Standard Full Height	S200 Core Full Height	S300 Core Half Height	S400 Core Half Height
Contact Structure		Contact Set & Silver Column (plus Shield for BGA)	Contact Set & Silver Column (plus Shield for BGA)	Contact Set & Silver Column (plus Shield for BGA)	Contact Set & Silver Column (plus Shield for BGA)
Packages (BGA, LGA, QFN, etc) Pitches, Temperature		All Package & Sizes Full, Array Capabilities Released Pitches Down to 0.4mm, Temp -50C to +150C			
Electrical Performance	Contact Length	1.04mm	1.04mm	0.63mm	0.45mm
	Bandwidth	40 Ghz	40 Ghz	40 Ghz	40 Ghz
	Inductance	0.33nH	0.33nH	0.20nH	0.20nH
	Contact Resistance	< 25 mOhms	< 25 mOhms	< 25 mOhms	< 25 mOhms
	Impedance	~ 50 Ohms	~ 50 Ohms	~ 50 Ohms	~ 50 Ohms
	Current Capacity	3.5A @ 10C Rise	3.5A @ 10C Rise	3.5A @ 10C Rise	3.5A @ 10C Rise
	Component Proximity	Within 1.25mm	Within 0.75mm	Within 0.75mm	Within 0.75mm
Compliance		Up to 0.46mm	Up to 0.46mm	Up to 0.28mm	Up to 0.25mm
Contact Force (Initial)		25-45 g/Lead	25-45 g/Lead	25-45 g/Lead	25-45 g/Lead
Contact Set Operating Life		>2,000,000	>2,000,000	>2,000,000	n/a
Silver Column Operating Life		> 250,000	> 500,000	> 500,000	> 10,000
Value Summary: High Performance with Durability & Compliance for ATE – Low COO		Most Compliance Lower Cost ATE Capable	Most Robust Longest Life ATE Optimized	Best Electrical Performance for RF ATE Optimized	Best Electricals Lowest Cost Hand Test/Eval/B2B
Target Markets		Logic/High Freq/Pwr HT & SLT	Logic/High Freq/Pwr HT/SLT/ATE HVM	RF/Microwave HT/SLT/ATE HVM	RF/Low Cost HT High Perf Interposer