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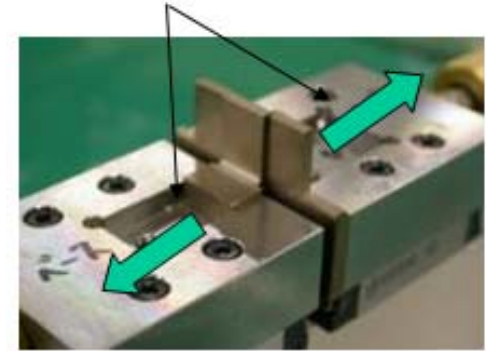
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Robustness

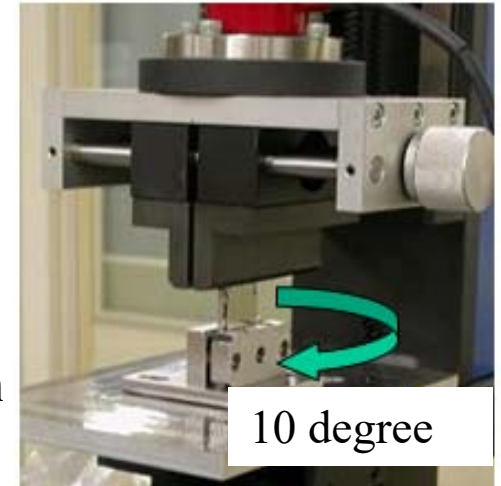
■ Evaluation of robustness (Connectivity&Twist)

Peel shells by opening jigs to different directions



JIG for connective strength

Measure Torque after rotating by 10 degree when fixing both ends of the SOCKET by 5mm w/o CARD



Torque measurement

Socket	HONDA SDIO	A company	B Company	C Company
Appearance		No image	No image	No image
Connecting construction	Double sided metal shell + WELDER	Cover(Metal) Base(Plastic) Mating	Cover(Metal) Base(Plastic) Mating	Cover(Metal) Base(Plastic) Mating
Connective strength(N)	106.9	9.7	27.0	15.7
Twisting strength(N·m)	1.08	0.51	0.30	0.75

Connective strength is high ⇒ Robust against unsuitable forced insertion

Twisting strength is high ⇒ Stable mount on FPC or thin PCB