

CABLINE®-CA II

0.4mm Pitch Fully Shielded High-speed Micro-coax Connector

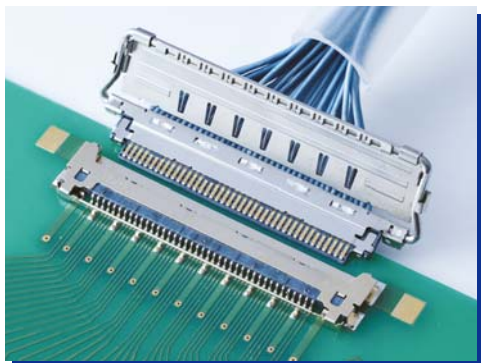


Photo-1 : Before mating

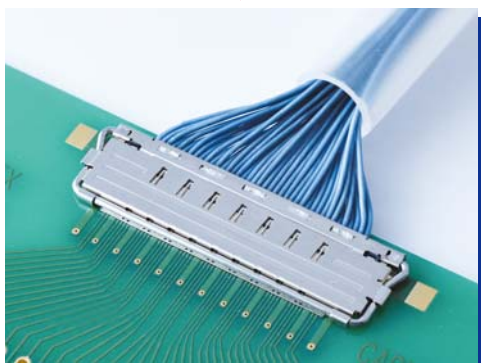


Photo-2 : After mating

- Number of Positions : 20P, 30P, 40P, 50P, 60P*
- Mating Height : 1.1mm max.
- High-Data-Rate Transfer (20Gbps)
- Integrated EMI cover for WiFi and LTE isolation
- Physical locking cover stops back-out/un-mating
- CABLINE®-CA Receptacle fits on CABLINE®-CA II Pad Layout

*60p available on "CABLINE®-CAII Plus" design, 1.3mm height

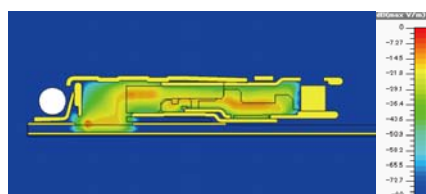
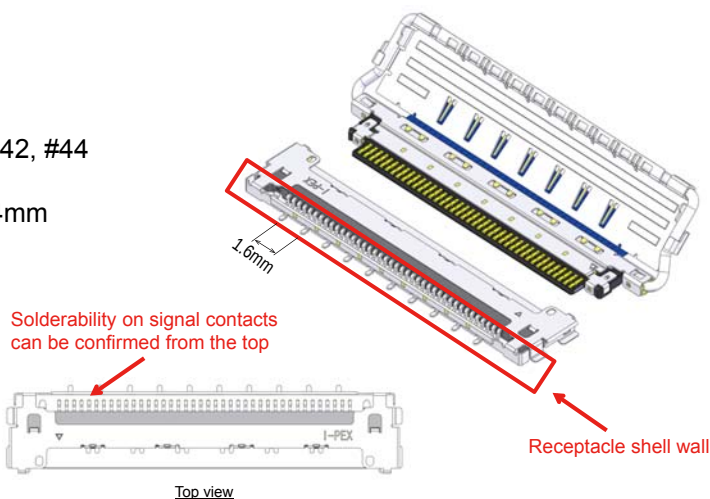


Figure : EMI simulation at 5GHz

- Acceptable Wire :
 - Micro-coax 45Ω AWG#38
 - Micro-coax 50Ω AWG#40, #42, #44
 - Twincoax AWG#40
 - Discrete wire less than $\varnothing 0.4\text{mm}$



【Recommended P/N】

POS.	HOUSING	SHELL A	LOCK BAR	PLUG Set	RECEPTACLE
20	20680-020T-01	3204-0201	20681-020T-01	20679-020T-01	20682-020E-02
30	20680-030T-01	3204-0301	20681-030T-01	20679-030T-01	20682-030E-02
40	20680-040T-01	3204-0401	20681-040T-01	20679-040T-01	20682-040E-02
50	20680-050T-01	3204-0501	20681-050T-01	20679-050T-01	20682-050E-02

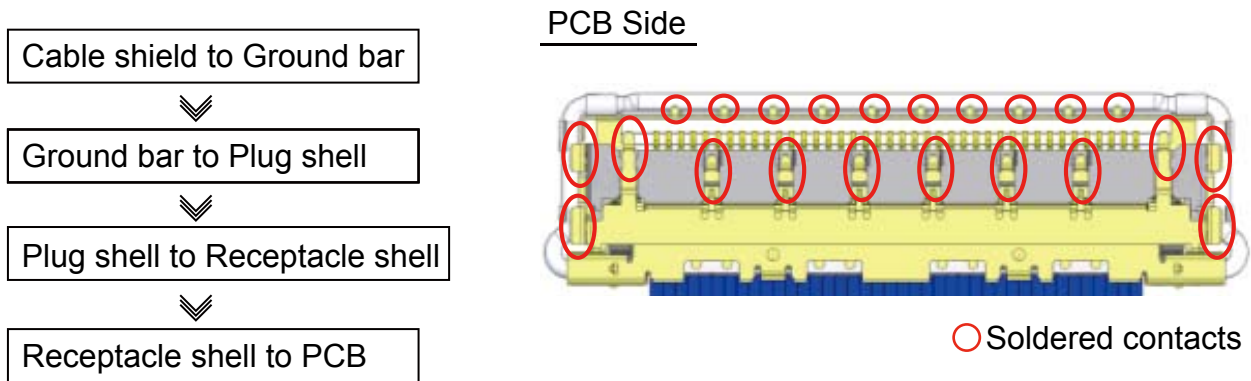
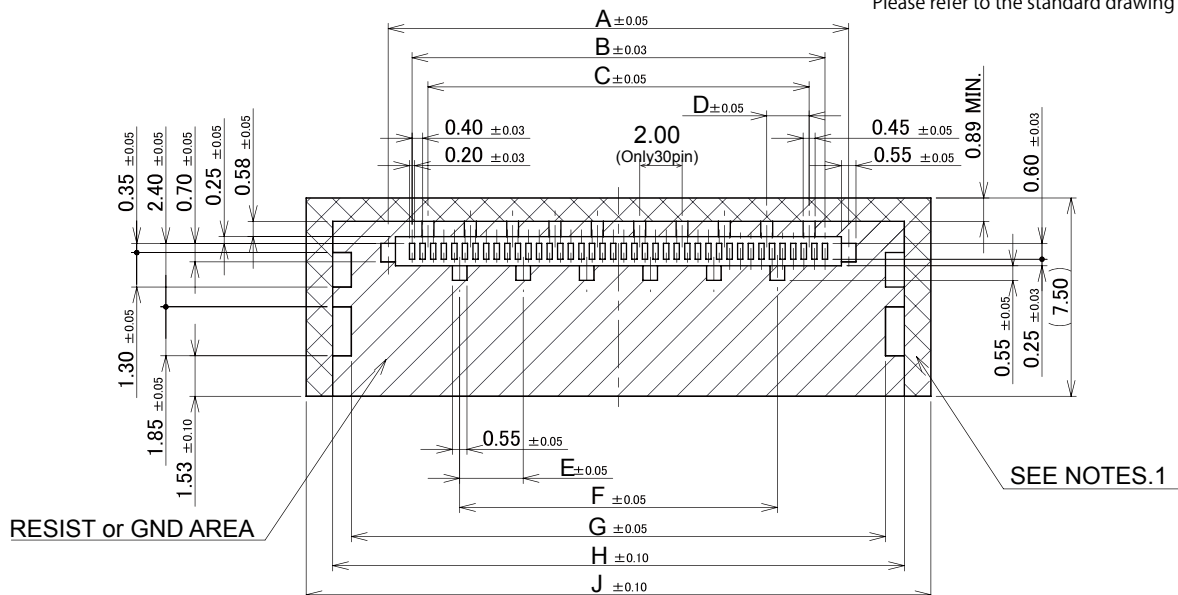


Fig.1 Multiple Grounding Paths provides clean-clear signals

POS.	A	B	C	D	E	F	G	H	J
20	9.40	7.60	5.60	2.00	2.40	4.80	12.18	13.60	15.60
30	13.40	11.60	12.00	1.60	2.40	9.60	16.18	17.60	19.60
40	17.40	15.60	14.40	1.60	2.40	12.00	20.18	21.60	23.60
50	21.40	19.60	18.40	1.60	2.80	16.80	24.18	25.60	27.60

This is an approximate size.
Please refer to the standard drawing at design.



NOTES.1

This area cannot mount another components.

Fig.2 CABLINE®-CA II Pad Layout

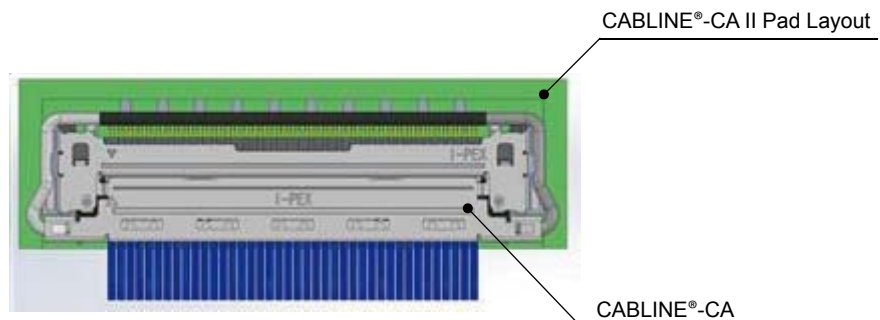


Fig.3 CABLINE®-CA Receptacle fits on CABLINE®-CAII Pad Layout