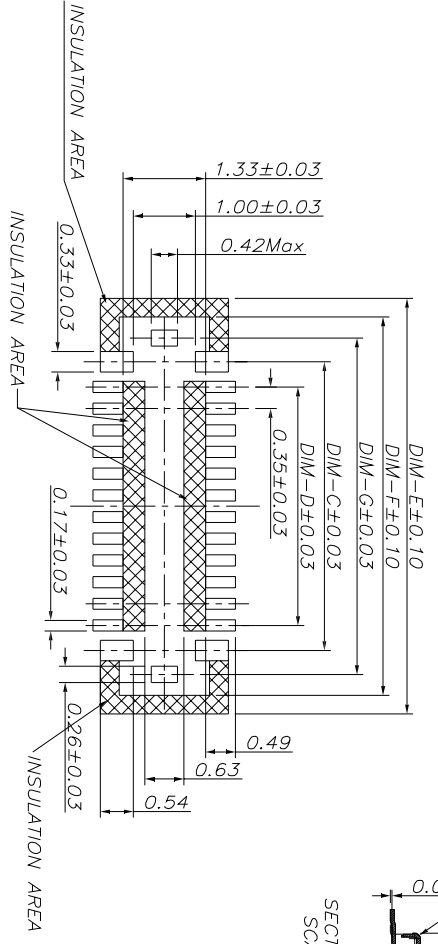


SECTION S-S
SCALE 1:1

- NOTES:**
1. HOUSING MATERIAL: LCP UI94V-0 BLACK.
 2. TERMINAL AND POST MATERIAL: COPPER ALLOY, GOLD PLATING OVER NICKEL. SPECIFICATIONS:
 3. ELECTRICAL CHARACTERISTICS:
 - 1-1. RATING CURRENT: POWER PIN 3A/CONTACT, SIGNAL PIN 0.3A/CONTACT(MAX.5A AT TOTAL CONTACT).
 - 1-2. VOLTAGE RATING: 50V
 - 1-3. CONTACT RESISTANCE: POWER PIN 20mΩ MAX, SIGNAL PIN 50mΩ MAX.
 - 1-4. DIELECTRIC WITHSTANDING VOLTAGE: 250V AC FOR ONE MINUTE.
 - 1-5. INSULATION RESISTANCE: 1000MΩ MIN.
 4. MECHANICAL CHARACTERISTICS:
 - 2-1. INSERTION FORCE : 1.5N/PIN MAX(40N MAX TOTAL)
 - 2-2. WITHDRAWAL FORCE : 0.15N/PIN MIN
 5. DURABILITY: 30 CYCLES(MIN).
 6. AMBIENT TEMPERATURE RANGE: -55°C~+85°C

CONTACTS	DIM-A	DIM-B	DIM-C	DIM-D	DIM-E	DIM-F	DIM-G
6	2.36	1.66	1.50	0.70	3.56	2.96	2.28
10	3.06	2.36	2.20	1.40	4.26	3.66	2.98
16	4.11	3.41	3.25	2.45	5.31	4.71	4.03
24	5.51	4.81	4.65	3.85	6.71	6.11	5.43
30	6.56	5.86	5.70	4.90	7.76	7.16	6.48
40	8.31	7.61	7.45	6.65	9.51	8.91	8.23



RECOMMENDED PCB LAYOUT

UNITS: mm		CSCONN PRECISE ELECTRONICS CO., LTD			
GENERAL TOLERANCE		TITLE: BTB 0.35MM XP MALE H=0.6MM			
X. ±5°	0. X ±0.25	PART NO. (INTENDED USE)		DWG NO. BTB	
X.1 ±2°	0. XX ±0.2	CBT-3510XXM-06		SCALE 1:1	
XX ±1°	0. XXX ±0.1	APPD:	CHKD:	SHEET 1 OF 1	REV A
		DR: Kitty			