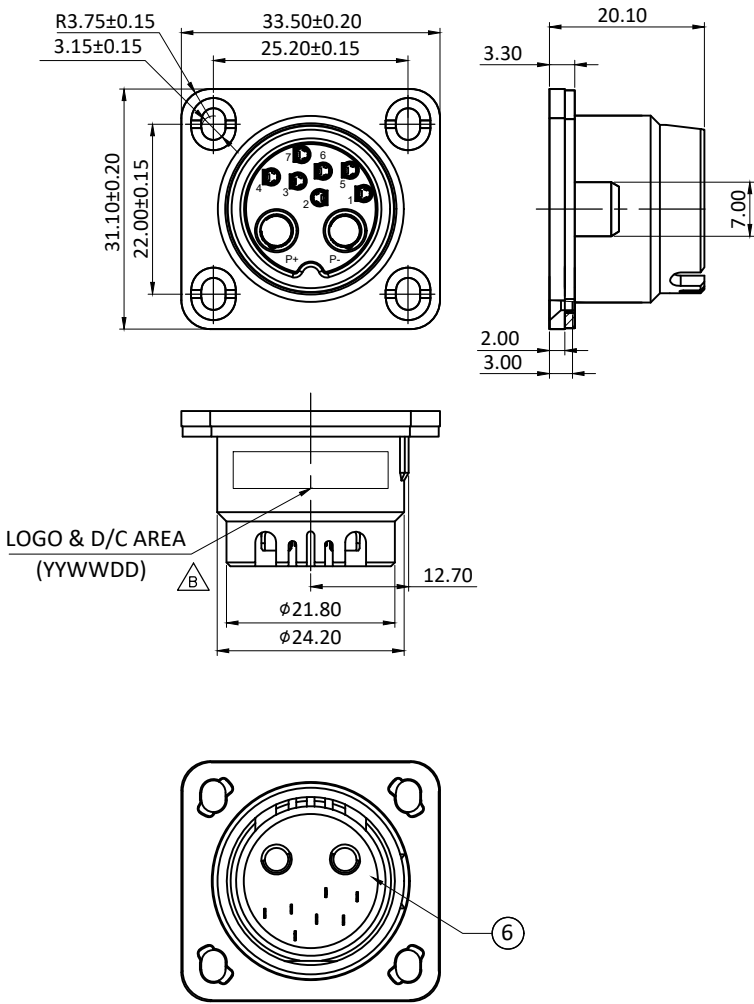




No.	NAME	MATERIALS	FINISH
1	HOUSING	PA9T+30%GF	BLACK,UL94 V0
2	POWER PIN	C3604	EP. Ni 80U" Min. Ag 80u" Min.
3	SIGNAL	C3604	EP. Ni 30U" Min. Ag 80u" Min.
4	CROWN_4.80mm	C17200-XHM	EP. Ni 30U" Min. Ag 80u" Min.
5	SEAL	SILICONE	BLACK
6	GLUE		BLACK

TERMINAL ARRANGEMENT POSITION AND SPECIFICATION REQUIREMENTS IS REQUESTED AND DESIGNED BY TP AND T-CONN.

- NOTE:
- ELECTRICAL CHARACTERISTICS:
 - 1-1. LOW LEVEL CONTACT RESISTANCE:
10 mΩ MAX.(FOR POWER CONTACTS.)
40 mΩ MAX.(FOR SIGNAL CONTACTS.)
 - 1-2. DIELECTRIC WITHSTANDING VOLTAGE:
1500 VAC FOR 1 MINUTE FOR POWER CONTACTS.
500 VAC FOR 1 MINUTE FOR SIGNAL CONTACTS.
 - 1-3. INSULATION RESISTANCE: 1 GΩ MIN.
 - 1-4. CONTACT CURRENT: POWER 30A /PIN.
SIGNAL 3A /PIN.
 - 1-5. VOLTAGE: 50.4 VDC(58.8V MAX.)
 - MECHANICAL CHARACTERISTICS :
 - 2-1. INSERTION FORCE : 5 Kgf MAX.
 - 2-2. EXTRACTION FORCE : 3.5 Kgf MAX.
 - 2-3. DURABILITY : 3,000 CYCLES.
 - 2-4. OPERATING TEMPERATURE : -20°C TO +85°C.
 - 2-5. WATERPROOF LEVEL : IPX7
(TO BE CONFIRMED BY THE VERIFICATION OF TOOLING SAMPLE)

							TOLERANCES UNLESS OTHERWISE SPECIFIED	TITLE	Battery Connector, 2+7 PIN, Female (33.5mm*31.1mm)	UNIT	mm
							X. ±0.50	ORIGINAL DATA	02-10'22		
							X.X ±0.30	DWN.	Bingo_Lee		
							X.XX ±0.20	CHK.			
							X.XXX ±0.15	APVD.	Victor Cheng		
							ANGEL ±3°				
B	CHANG TRUNKING	R2205139	Bingo			05-17'22	MATERIAL	SEE TABLE		PART NO.	20-01540-Q001-0
A	NEW DRAWING		Bingo		Victor	02-10'22	FINISH	SEE NOTE		SCALE	1:1
REV.	DESCRIPTION	ECN NO.	DWN.	CHK.	APVD.	DATE				SIZE	A3
										SHEET	1 OF 2

