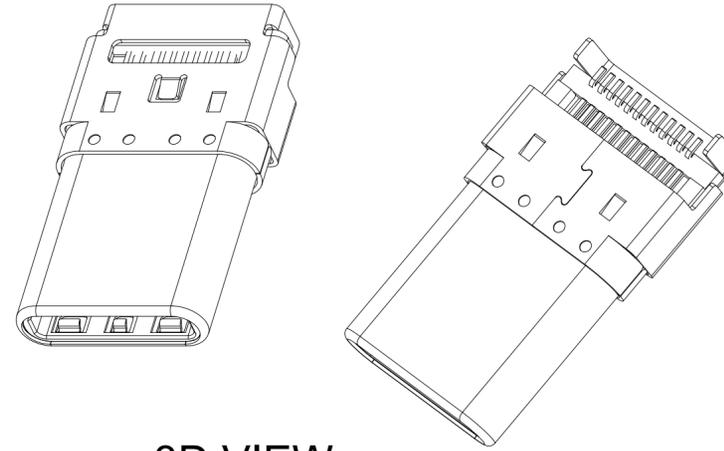
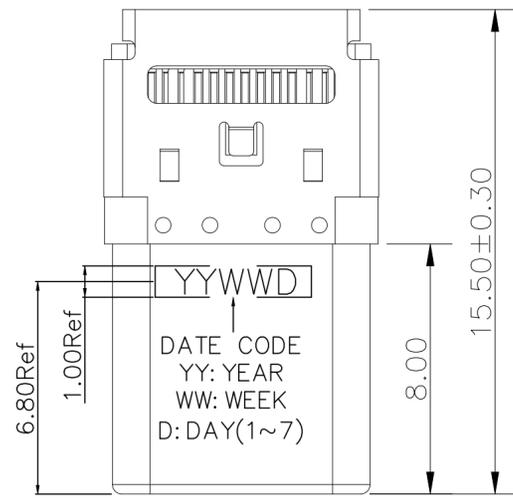
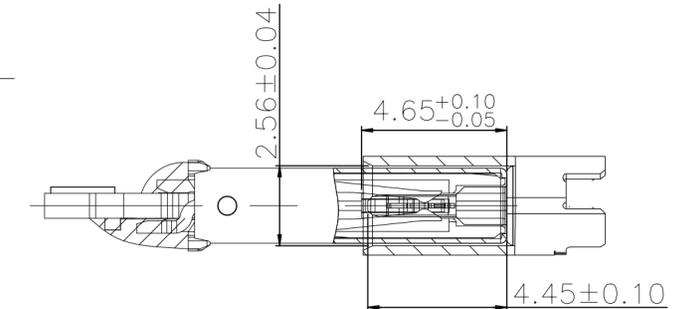
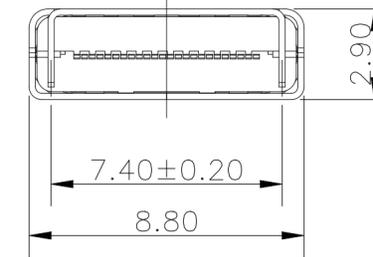
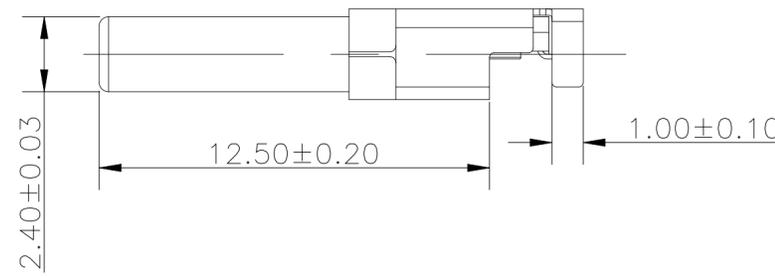
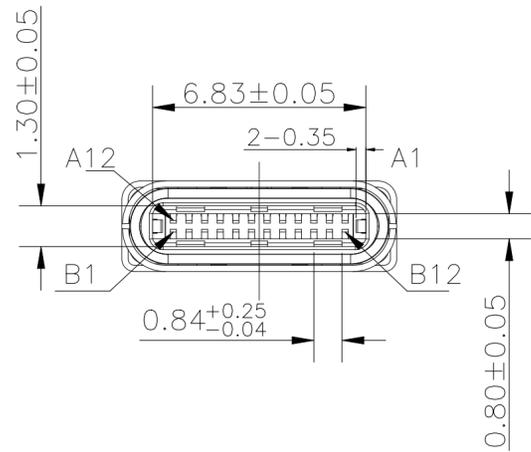


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		RELEASED PER ECN-25-303637	25JAN2025	TR	RCG

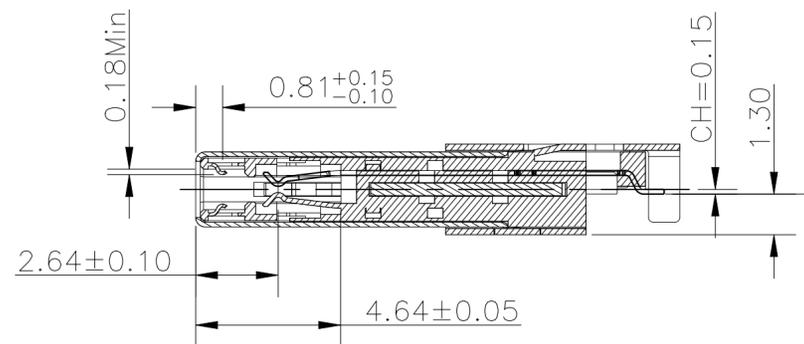
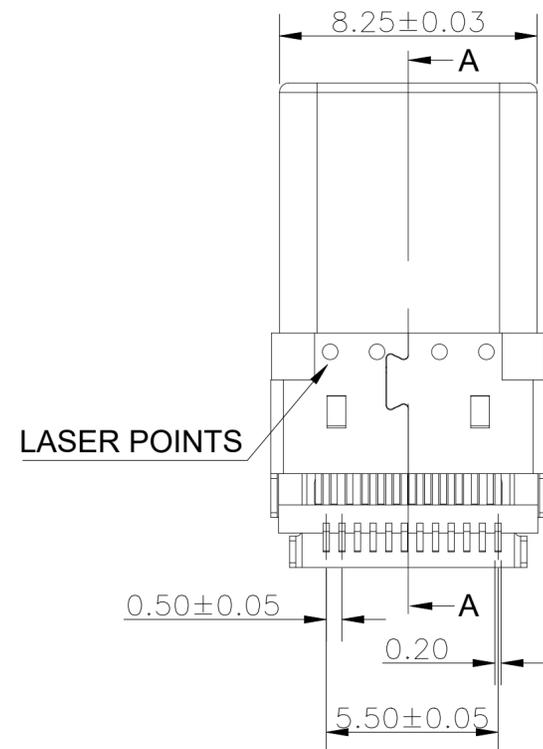


3D VIEW

NOTE:
1.ELECTRICAL CHARACTERISTICS:
 Current Rating:5A For Pin(A4,A9,B4,B9) & 1.25A For Others Pin
 Insulation Resistance: 100MΩ Min.
 Contact Resistance: 40 mΩ Max.
 Dielectric Withstanding Voltage:100V/AC 1Minute
2.MECHANICAL CHARACTERISTICS:
 Insertion Force: 5~20N
 Extraction Force: Initial: 8~20N
 After durability: 6~20N
 Durability :10000 Cycles
3.Operating Temperature: -40°C TO +85°C



Plug insertion View

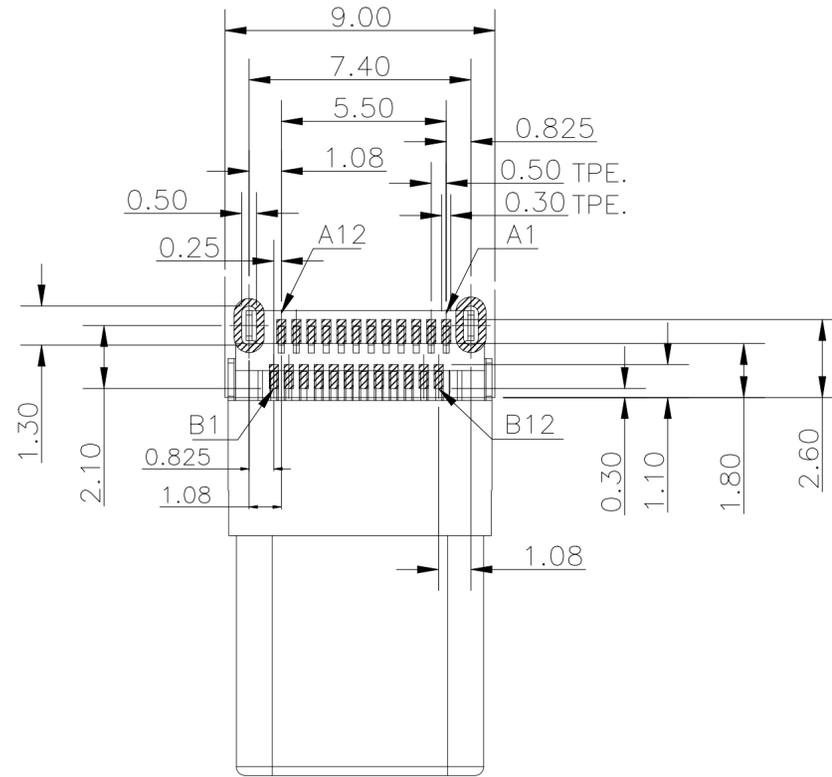


SECTION: A-A

ITEM	NAME	QTY.	MATERIAL	DESCRIPTION
7	CAP	1	LCP UL94V-0	Color: Black
6	Shield	1	Stainless Steel SUS304	Nickel Plating
5	Housing	4	LCP UL94V-0	Color: Black
4	Latch	1	Stainless Steel SUS301	
3	Contact	24	Copper Alloy C7025	3u" gold plated on Contact area, Matte Tin plated on Solder tails, Nickel underplating over all
2	Emc Spring	2	Stainless Steel SUS304	
1	Shell	1	Stainless Steel SUS316L	Nickel Plating

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 26NOV2024		
DIMENSIONS: mm [INCHES]		CHK NAIR, SREE KUMAR 27NOV2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 27NOV2024	NAME USB TYPE-C PLUG SMT MIDDLE MOUNT RIGHT ANGLE	
0 PLC ± - 1 PLC ± 0.35 2 PLC ± 0.25 3 PLC ± 0.10 4 PLC ± - ANGLES ± 2°		PRODUCT SPEC 108-161690	RESTRICTED TO	
MATERIAL		APPLICATION SPEC 114-161274	SIZE A2	CAGE CODE 00779
FINISH		WEIGHT -	DRAWING NO C=2495698	SCALE 1:1
		CUSTOMER DRAWING	SHEET 1 of 2	REV A

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

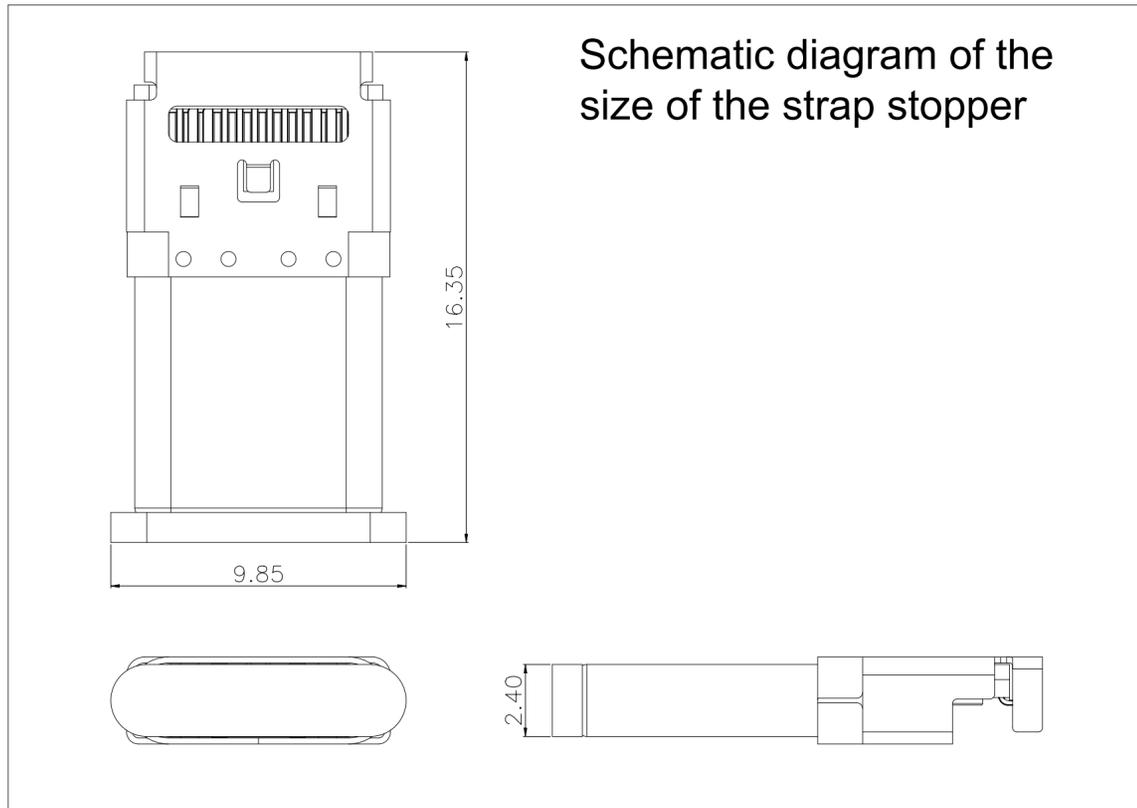


RECOMMENDED P.C.B. LAYOUT
 T=0.80 OR 1.00mm
 TOLERANCE UNSPECIFIED ±0.05mm

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBus	B9	VBus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBus	B4	VBus
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

Schematic diagram of the size of the strap stopper



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0 PLC ± - 1 PLC ± 0.35 2 PLC ± 0.25 3 PLC ± 0.10 4 PLC ± - ANGLES ± 2°		PRODUCT SPEC 108-161690	DRAWING NO -	
MATERIAL		APPLICATION SPEC 114-161274	SIZE A2	RESTRICTED TO -
FINISH		WEIGHT -	CAGE CODE 00779	SCALE 1:1
		CUSTOMER DRAWING	DRAWING NO C=2495698	SHEET 2 of 2
			REV A	