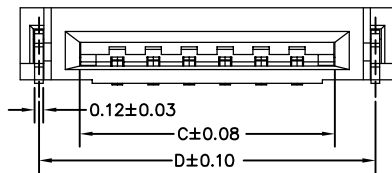
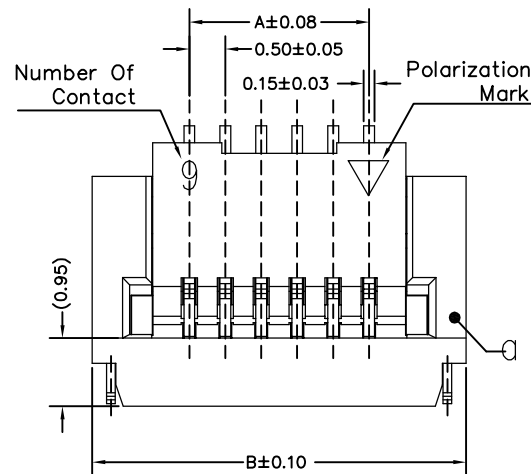


RoHS 2.0+HF



Voltage Rating : 50V AC/DC
Current Rating : 0.5A AC,DC
Withstand Voltage : 250V AC/minute
Contact Resistance : 30mΩ(MAX.)
Insulation Resistance : 100MΩ(MIN.)
Temperature Range : -40°C~+85°C

40536W90-NPN-S H 4 0A T C R

① Series No.

② W90 :Right angle

③ No. of Circuits 6=6Pin

④ Color: N=Natural

⑤ S: SMT type

⑥ H=Halogen Free

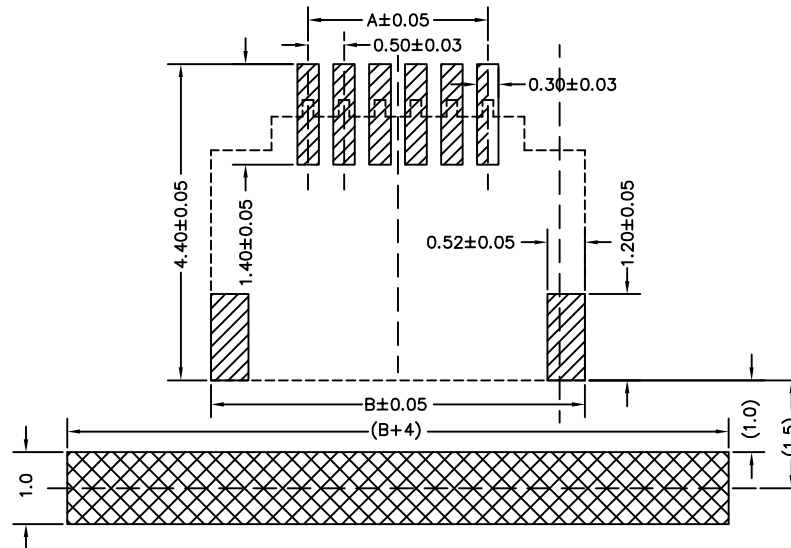
⑦ Material: 4=PA4T

⑧ Plating for contacts:
OA=Gold-flash on
contact area

⑨ Plating for solder area:
T= Tin Plating

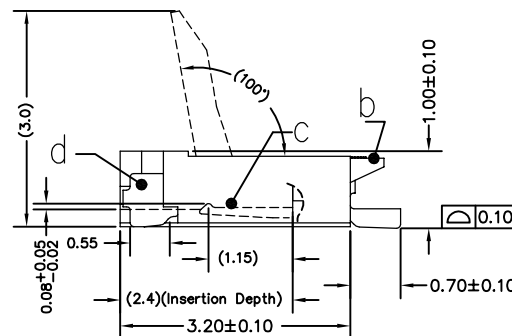
⑩ Assembly Style
C=Turned up actuator
the back

⑪ R=Tape & Reel

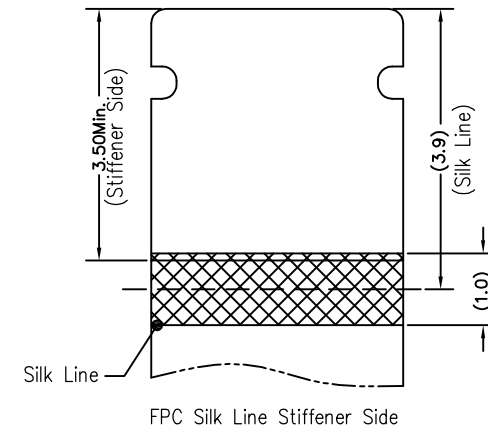
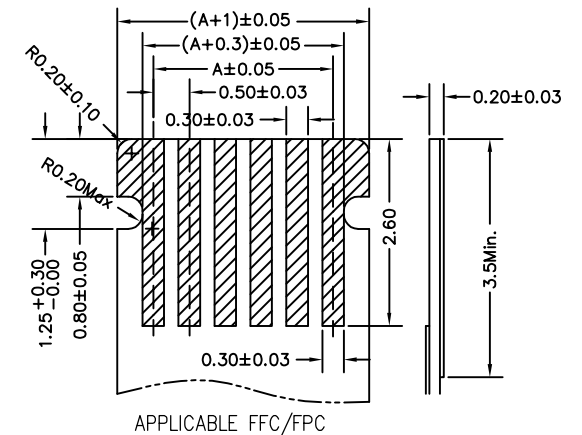


RECOMMENDED P.C.B. LAYOUT

Silk Line



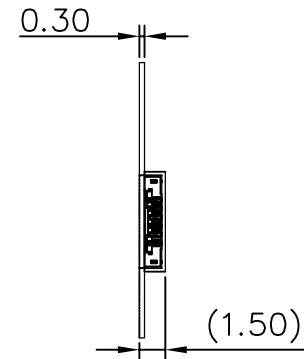
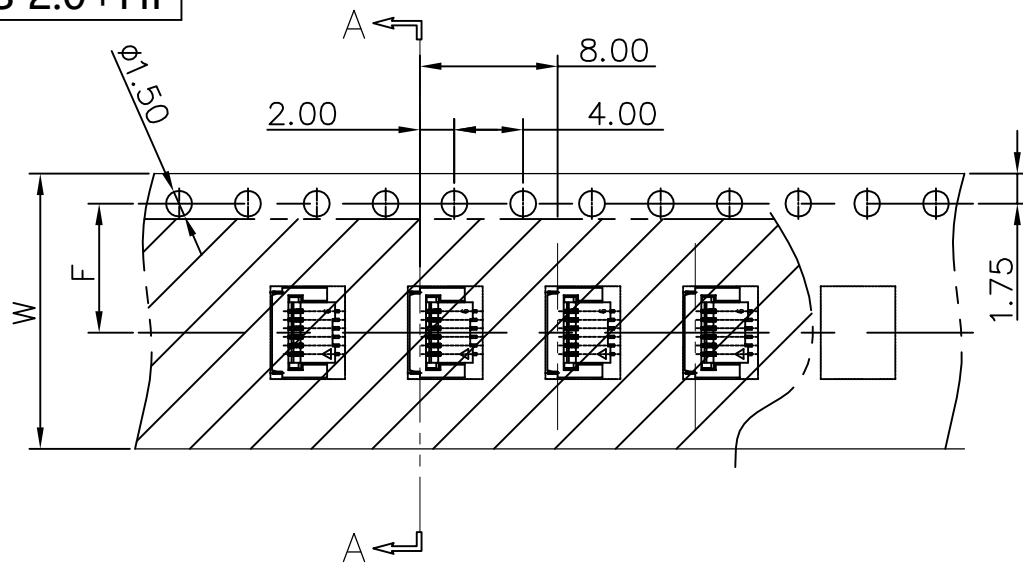
Number of Contacts	Dimension			
	A	B	C	D
4	1.50	4.20	2.55	3.68
6	2.50	5.20	3.55	4.68
10	4.50	7.20	5.55	6.68



No.	Description	Material	Color/Finish
a	Housing	LCP,UL94V-0	Natural
b	Actuator	PA4T,UL94V-0	Black/Blue
c	Terminal	Phosphor Bronze	Gold Fash
d	LEG	Phosphor Bronze	Matte Tin Plating Over Ni

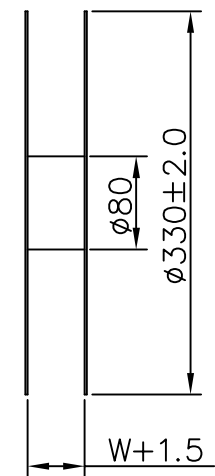
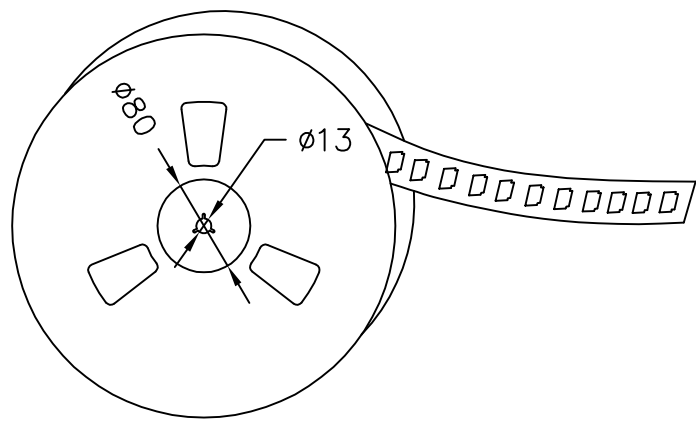
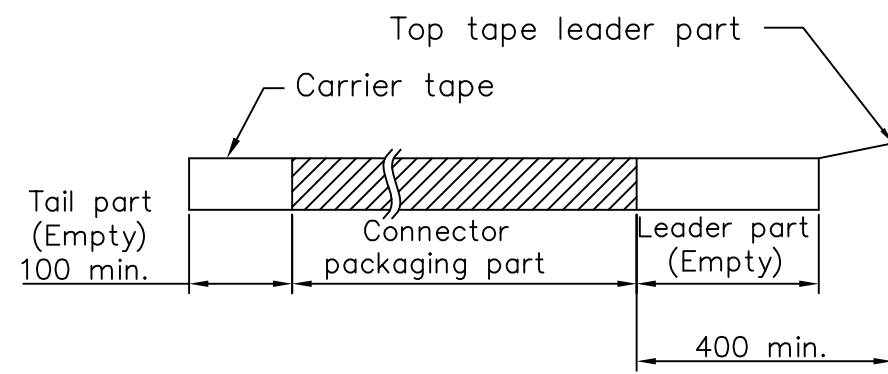
REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.		DWG NO.				
A0	新图面发行	17.01.03		LINEAR	ANGLES	1:1									
A1	换图框发行	20.10.12		0.0±0.25	X° REF±6°	APPROVED	Daniel Dong	2025/01/08	40536W90-NPN-SH40ATCR		ENDE05				
A2	换图框发行	25.01.10		UNIT: MM	0.00±0.15	X° ±3°	DESIGNER	Daniel Dong	2025/01/08	TITLE					
			SIZE: A4	0.000±0.08	X° X' ±2°	DRAWN	janny	2025/01/08	FPC 0.5 Pitch 1.0H ZIF R/A Connector			REV	A2	SHEET	1/2

RoHS 2.0+HF

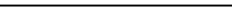


SECTION A-A

DIRECTION OF PULLING OUT →



Number of Contacts	W±0.3	F±0.1	S±0.1	Q'ty/Reel
4P	16	7.5	--	5,000
6P	16	7.5	--	5,000
10P	16	7.5		5,000

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE 1:1	NAME	DATE	PART NO.	DWG NO.				
A0	新图面发行	17.01.03		LINEAR	ANGLES	APPROVED	Daniel Dong	2025/01/08	40536W90-NPN-SH40ATCR	ENDE05				
A1	换图框发行	20.10.12		0.0±0.25	X° REF±6°	DESIGNER	Daniel Dong	2025/01/08	TITLE FPC 0.5 Pitch 1.0H ZIF R/A Connector					
A2	换图框发行	25.01.10		UNIT: MM	0.00±0.15	X° ±3°	DRAWN	janny						
			SIZE: A4	0.000±0.08	X° X' ±2°				FPC 0.5 Pitch 1.0H ZIF R/A Connector		REV	A2	SHEET	2/2