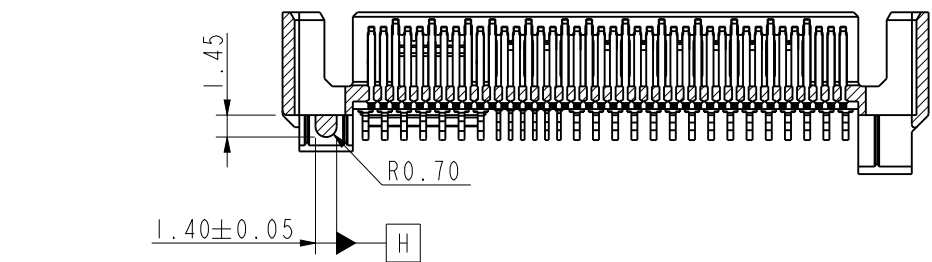


NOTE:

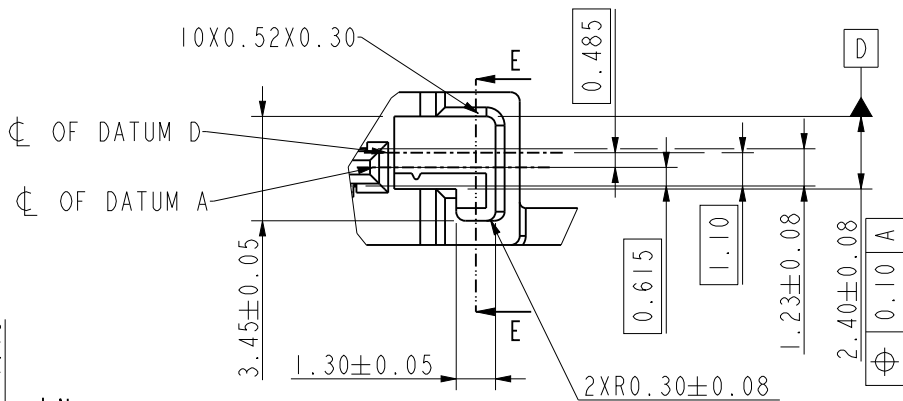
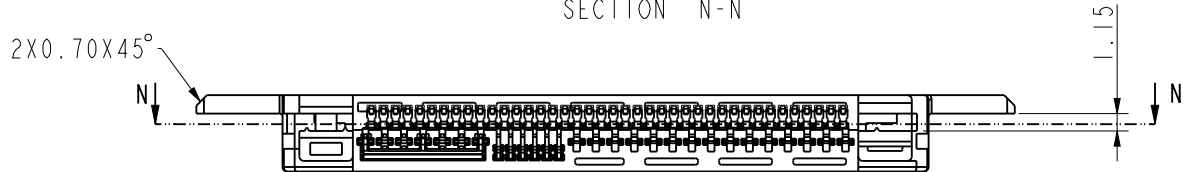
1. MATERIAL:
 - 1.1 HOUSING: LCP BLACK UL94-V0
 - 1.2 CONTACT: COPPER ALLOY
2. PLATING:
 - 2.1 CONTACTS:MATING AREA GOLD PLATING THICKNESS PLEASE REFER TO PART NUMBER SYSTEM,1.27um MIN Ni UNDERPLATED
SOLDER TAIL 1.91um MIN MATTE TIN, 1.27um MIN Ni UNDERPLATED
3. ELECTRICAL PERFORMANCE:
 - 3.1 CURRENT RATING:1.5A/PER PIN (POWER SECTION)
 - 3.2 CONTACT RESISTANCE: 30mΩ MAX (INITIAL)
 - 3.3 INSULATION RESISTANCE: 1000MΩ MIN
 - 3.4 DIELECTRIC STRENGTH: 500 VAC FOR 1 MINUTE
 - 3.5 OPERATION TEMPERATURE: 0°C~55°C
4. PRODUCT IS COMPLIANT TO SFF 8639 SPECIFICATIONS.
5. MATERIAL MEET AMPHENOL SEPC# S-SN-002 AND S-SN-004.
6. ORDERING P/N: PSAS5M2I3032XXX

PDS: Rev :A STATUS:Released Printed: Jan 20, 2026

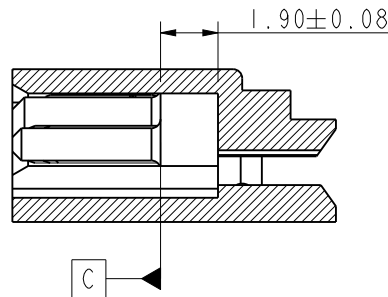
revision history				
rev	ecn no	description	dr	date
-	-	SEE SHEET 1	-	-



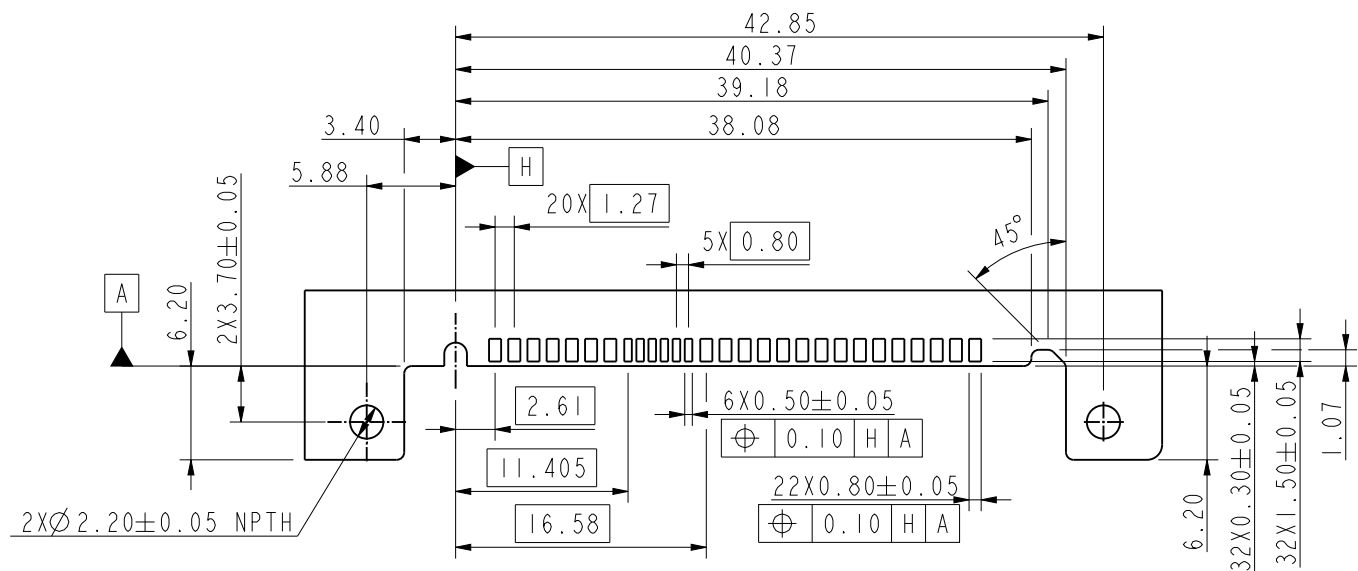
SECTION N-N



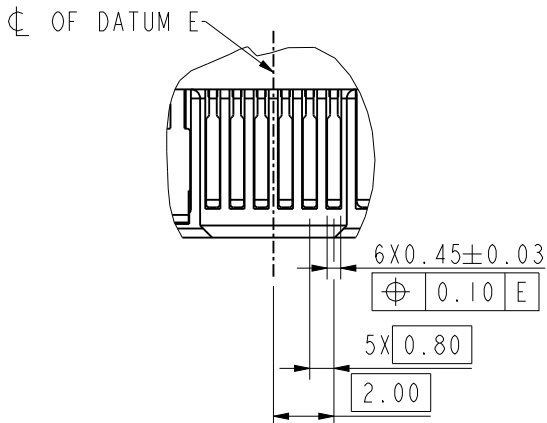
DETAIL B
SCALE 4:1



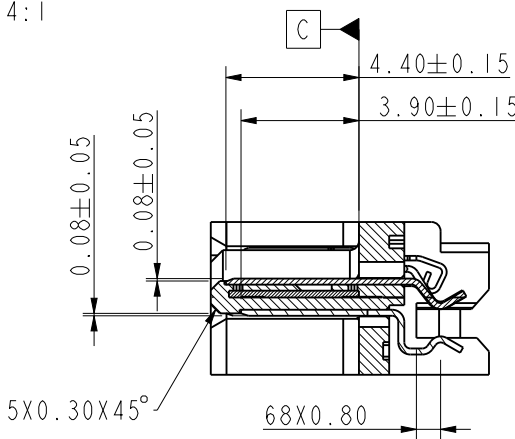
SECTION E-E



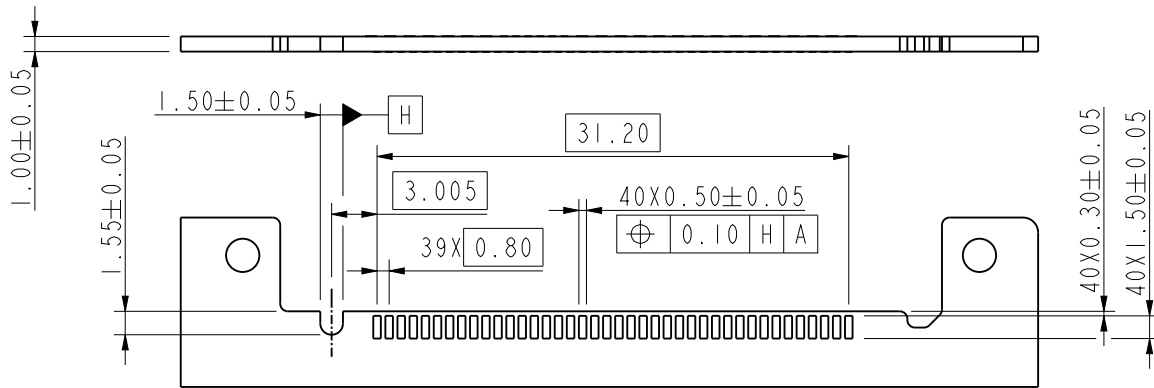
DETAIL A
SCALE 4:1



DETAIL C
SCALE 4:1



SECTION D-D
SCALE 4:1

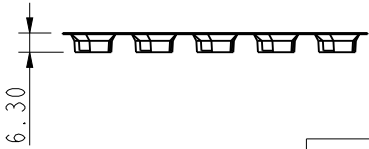
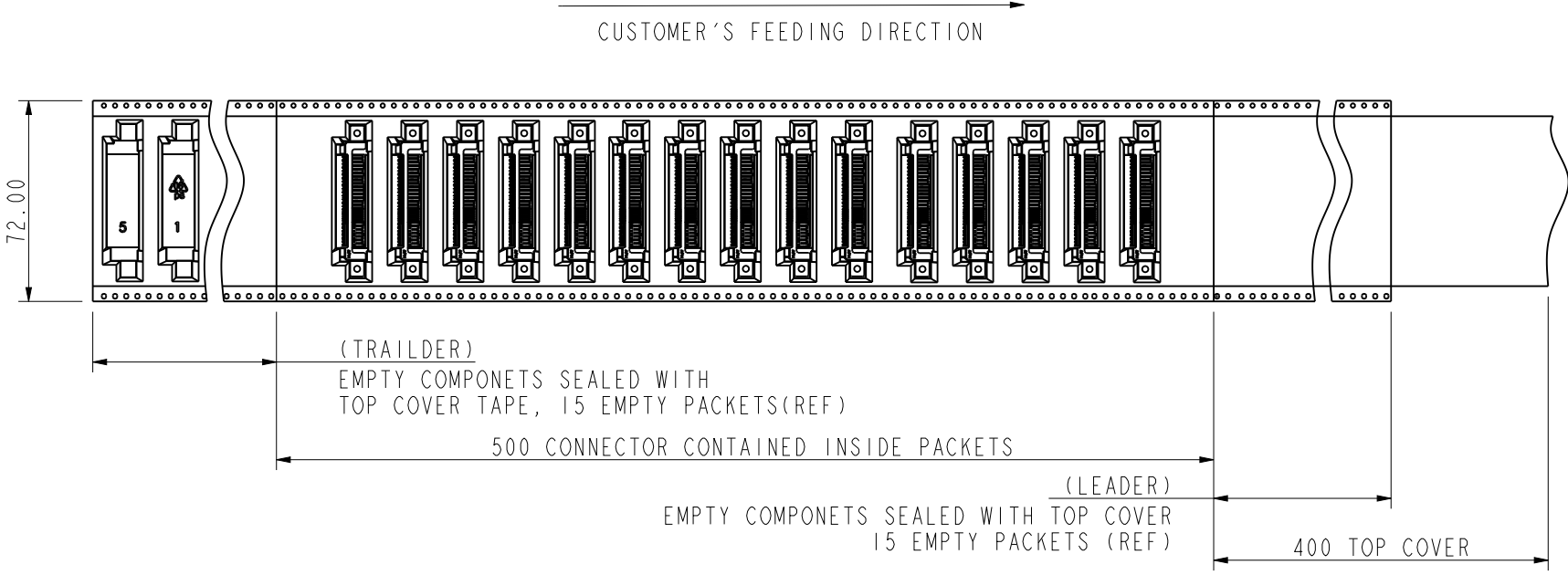
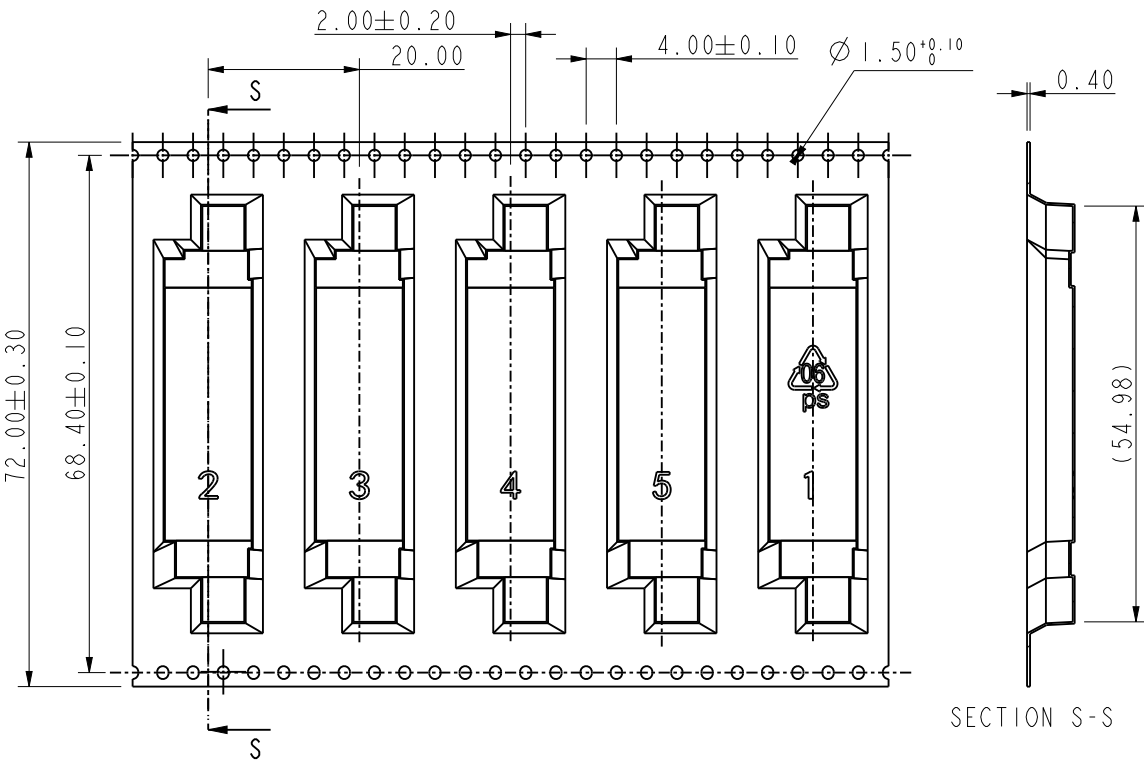
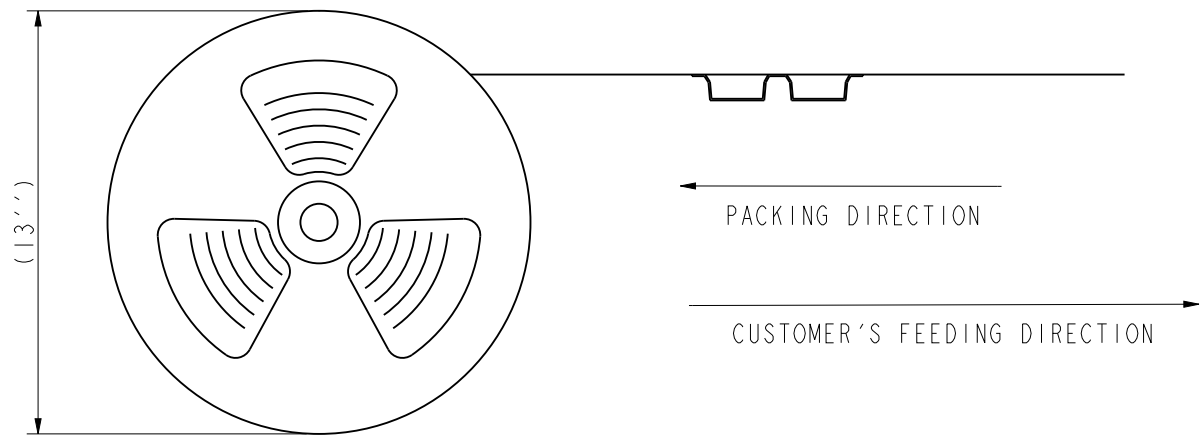
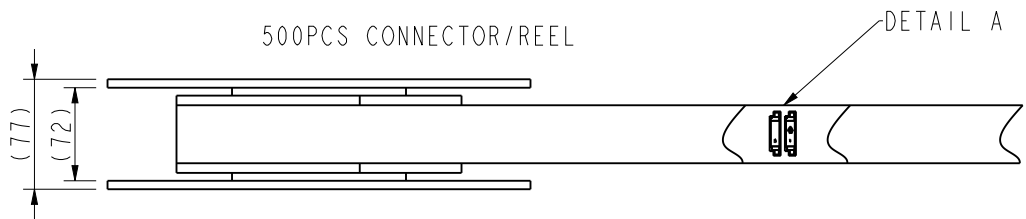


SCALE 2:1

RECOMMENDED PCB LAYOUT (T=1.00±0.05)

spec ref		dr	Peter Li	2025/10/13	Amphenol		mm	scale	2:1	size	A3
tolerance std		eng	Peter Li	2025/12/26				ecn no			
		rvwr	Teng Cao	2025/12/26				rel level	Released		
		appr	XD Hu	2025/12/26							
surface	linear	0.X	±0.35	projection	title	PCIe GEN5 32Gbps	cat. no.	PSAS	sheet 2 of 3	rev	A
		0.XX	±0.25								
		0.XXX	±0.25								
	angular	0°	±5°								

revision history				
rev	ecn no	description	dr	date
-	-	SEE SHEET 1	-	-



spec ref				dr		Peter Li	2025/10/13		Amphenol			mm		scale		2:1		size		A3																			
tolerance std				eng		Peter Li	2025/12/26					ecn no																											
				rv wr		Teng Cao	2025/12/26																																
				appr		XD Hu	2025/12/26					amphenol-icc.com			rel level Released																								
surface				projection				title		PCIe GEN5 32Gbps				diag no		PSAS5M213032XXX						rev																	
														cat. no.		A																							
														product family								PSAS				sheet 3 of 3													
																														TOLERANCES UNLESS OTHERWISE SPECIFIED		0.X ±0.35		linear		0.XX ±0.25			
																																						0.XXX ±0.25	