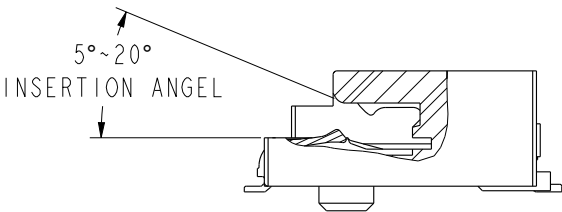
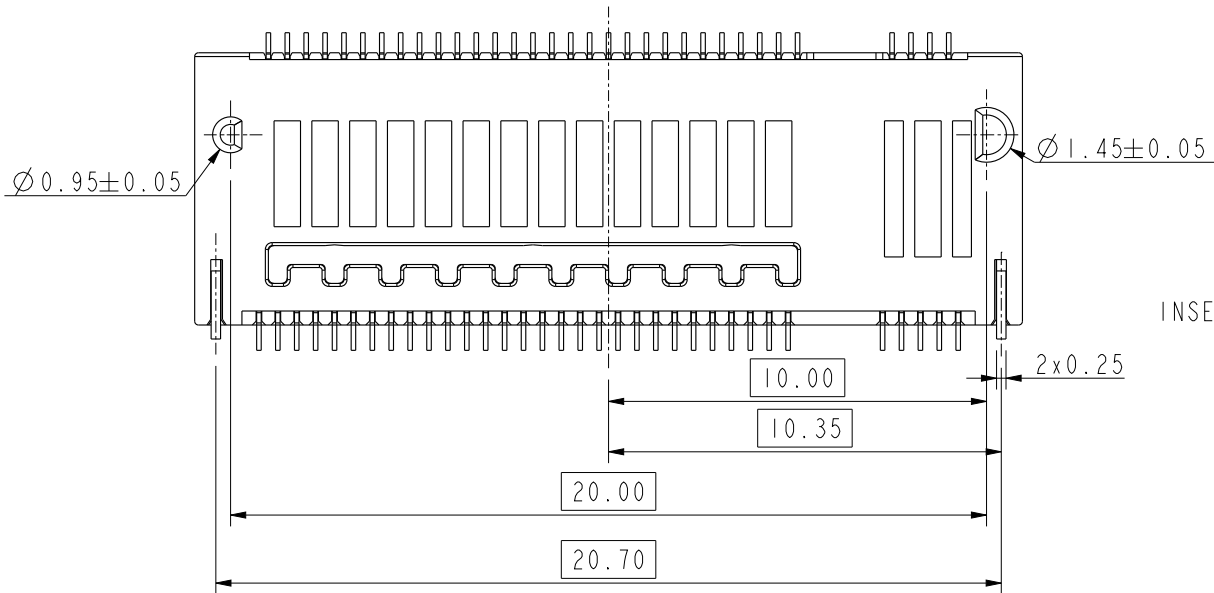
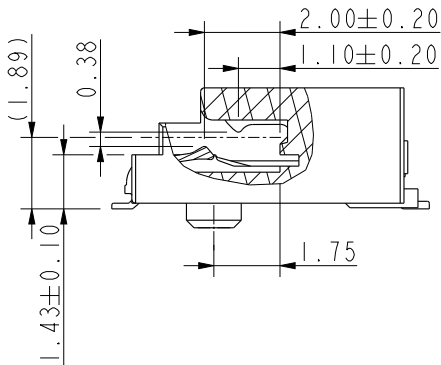
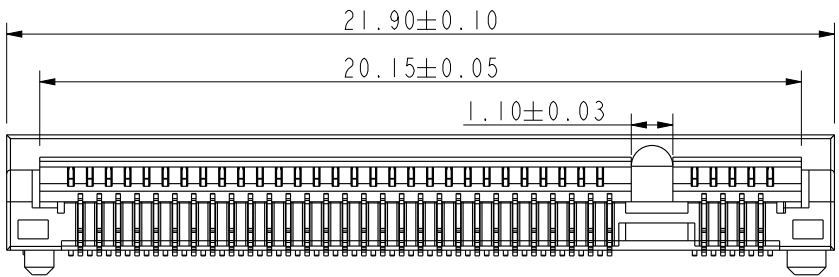
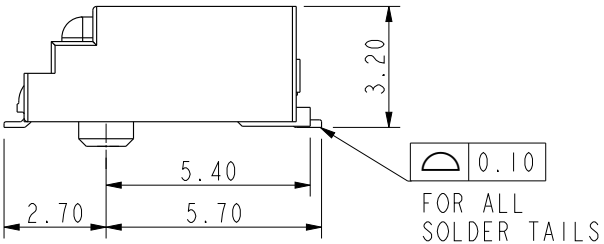
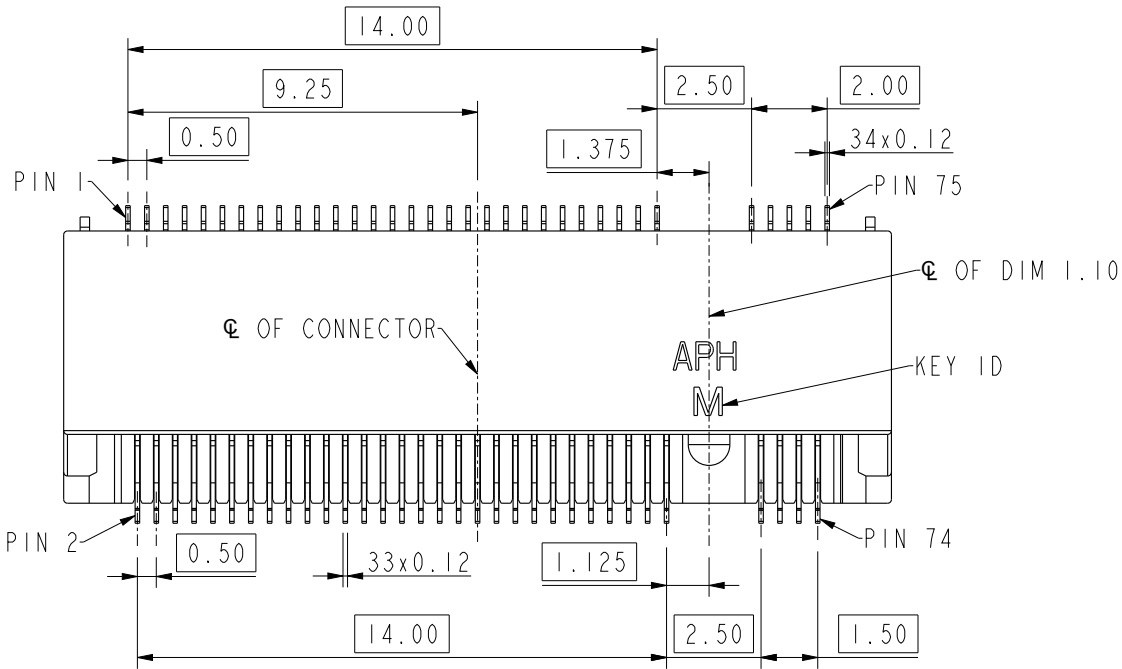


revision history				
rev	ecn no	description	dr	date
X1	ELX-CD-FXXXX-1	PROPOSAL	AT	2023/05/27
X2	ELX-CD-FXXXX-1	UPDATED BOTTOM VIEW	AT	2023/06/26
X3	ELX-CD-FXXXX-1	ADD DIMENSIONS ON FOOTPRINT	RH	2023/06/30

- NOTES:
1. MATERIAL:
PLASTIC: LCP, UL 94V-0, BLACK
CONTACT: COPPER ALLOY
BOARD LOCK: COPPER ALLOY
 2. FINISHED:
CONTACT AREA: SEE PIN LIST TABLE
SOLDER AREA: GOLD FLASH
BOARD LOCK: 2.54um MIN MATTE PURE TIN PLATED
UNDERPLATED: 1.27um MIN Ni PLATED
 3. ELECTRICAL PERFORMANCE:
CURRENT RATING: 1A PER POWER PIN
INSULATION RESISTANCE: 500M Ω MIN
OPERATION TEMPERATURE: -40°C TO +85°C
 4. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994
 5. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC# S-SN-002
FOR HALOGEN FREE PRODUCTS, ALSO NEED TO MEET # S-SN-004
 6. ORDER P/N: REFER TO THE PIN LIST TABLE

MDT320M04501	0.25um MIN Au PLATED
MDT320M03501	GOLD FLASH
MDT320M02501	0.38um MIN Au PLATED
MDT320M01501	0.76um MIN Au PLATED
PART NUMBER	PLATING SPEC
PIN LIST TABLE	

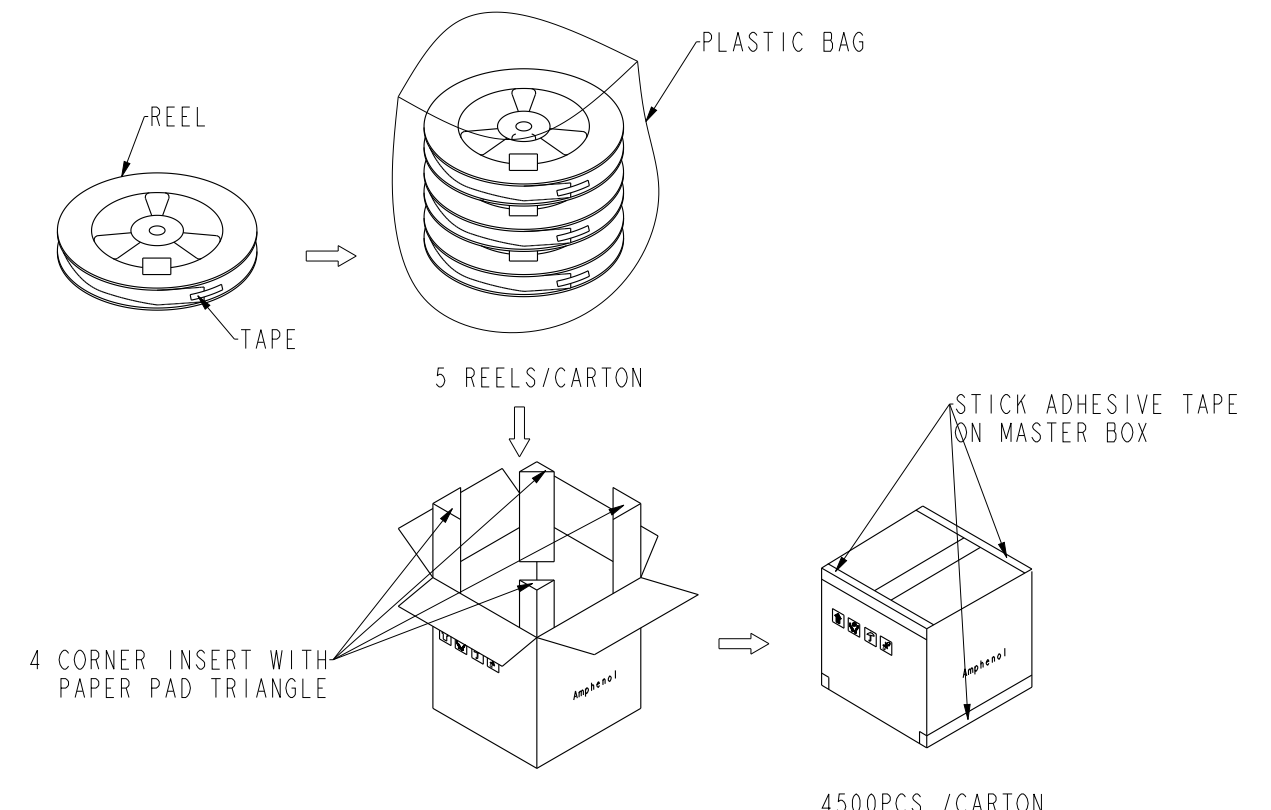
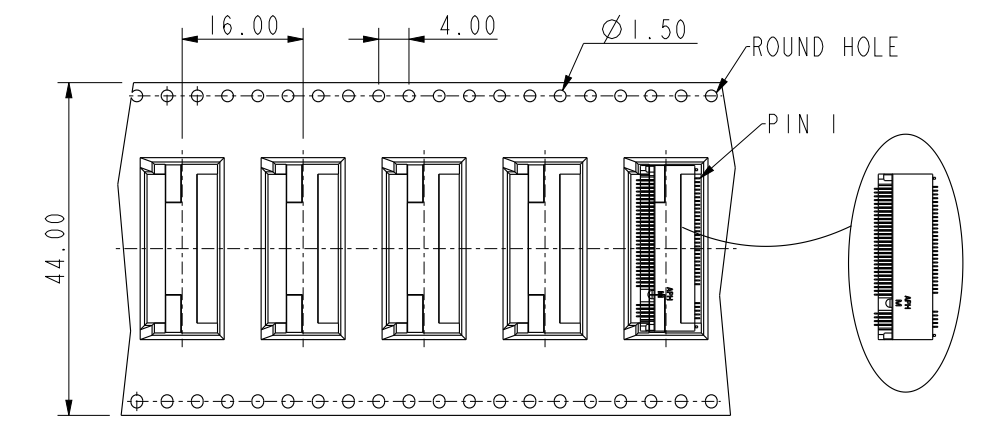
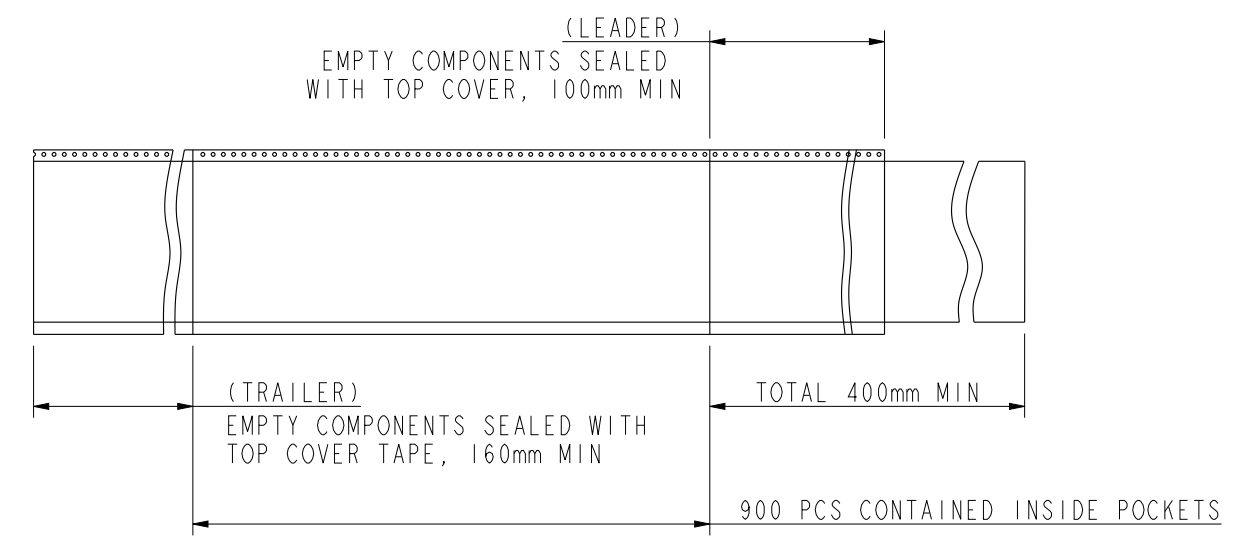
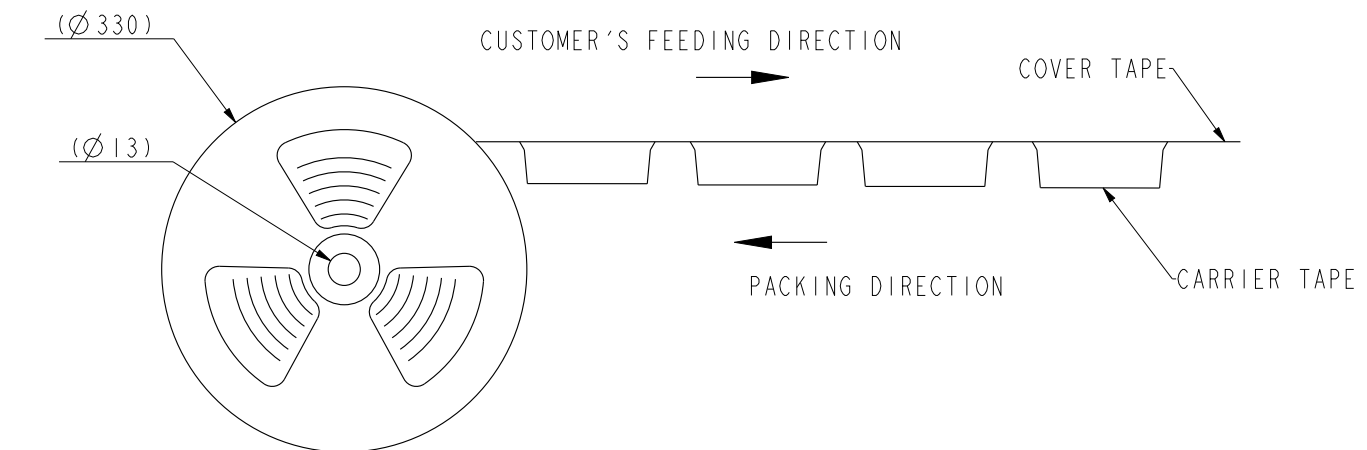
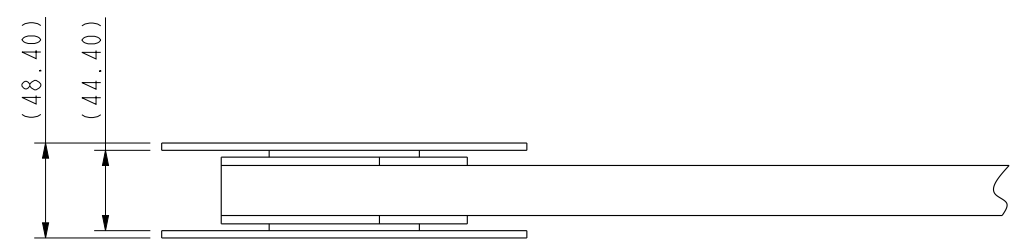


spec ref				dr	Rocky	Jun.30,2023	Amphenol			mm	scale	size	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng						←	→	5:1	A3
				rvwr						ecn no			
				appr						amphenol-icc.com			rel level
surface	linear	0.X	±0.50	projection	title	PCIe M.2 CONNECTOR, Gen5	dwg no	C MDT320MXX501	rev	X3	sheet 1 of 3		
		0.XX	±0.25									0.50mm PITCH H3.20mm	cat. no.
		0.XXX	±0.15										
	angular	0°	±5°			product family							

MATING CARD

DETAIL A
SCALE 10:1

spec ref				dr	Rocky	Jun.30,2023	Amphenol			mm		scale	size
tolerance std TOLERANCES UNLESS OTHERWISE SPECIFIED				eng						5:1		A3	
				rvwr						ecn no			
				appr						amphenol-icc.com			rel level
surface ✓	linear	0.X	±0.50	projection 	title PCIe M.2 CONNECTOR, Gen5 0.50mm PITCH H3.20mm	dwg no	C MDT320MXX501			rev X3			
		0.XX	±0.25										
		0.XXX	±0.15										
	angular	0°	±5°	product family			sheet 2 of 3						



spec ref				dr	Rocky	Jun.30,2023	Amphenol		mm	scale	size
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng					←→	5:1	A3
				rvwr					ecn no		
				appr					amphenol-icc.com		
surface	linear	0.X	±0.50	projection		title	PCIe M.2 CONNECTOR, Gen5	dwg no	C MDT320MXX501		rev
		0.XX	±0.25								
		0.XXX	±0.15					cat. no.		X3	
	angular	0°	±5°	product family				sheet 3 of 3			