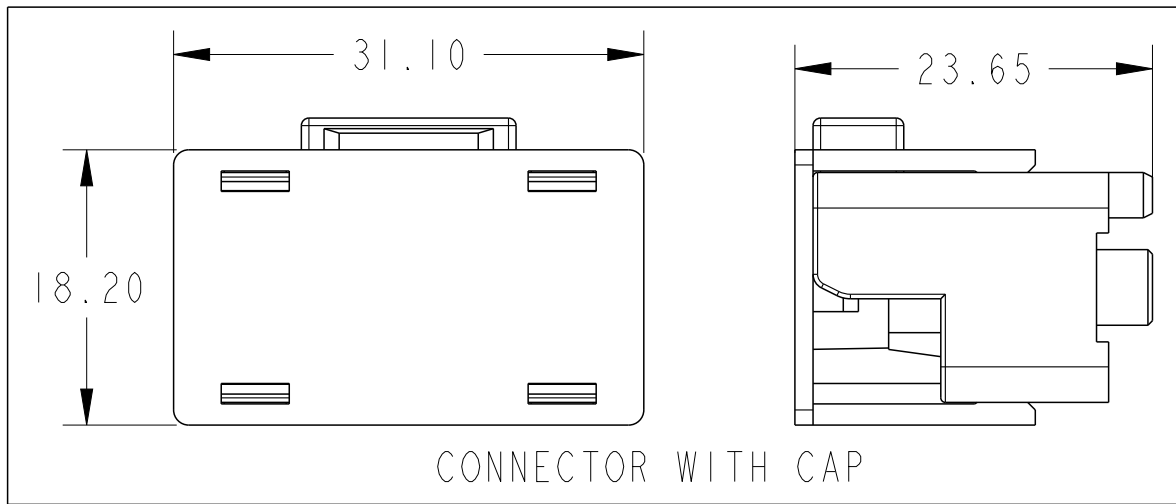
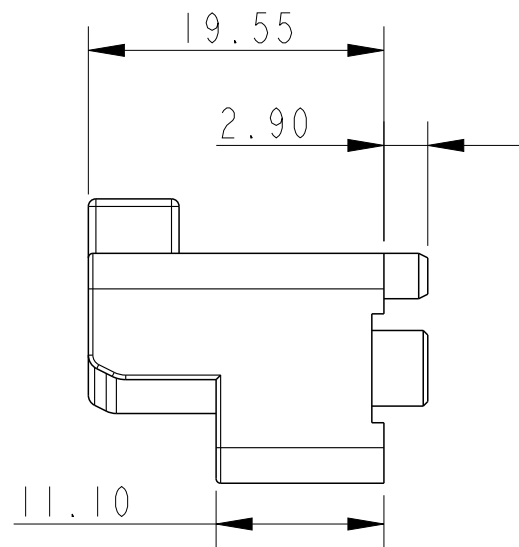
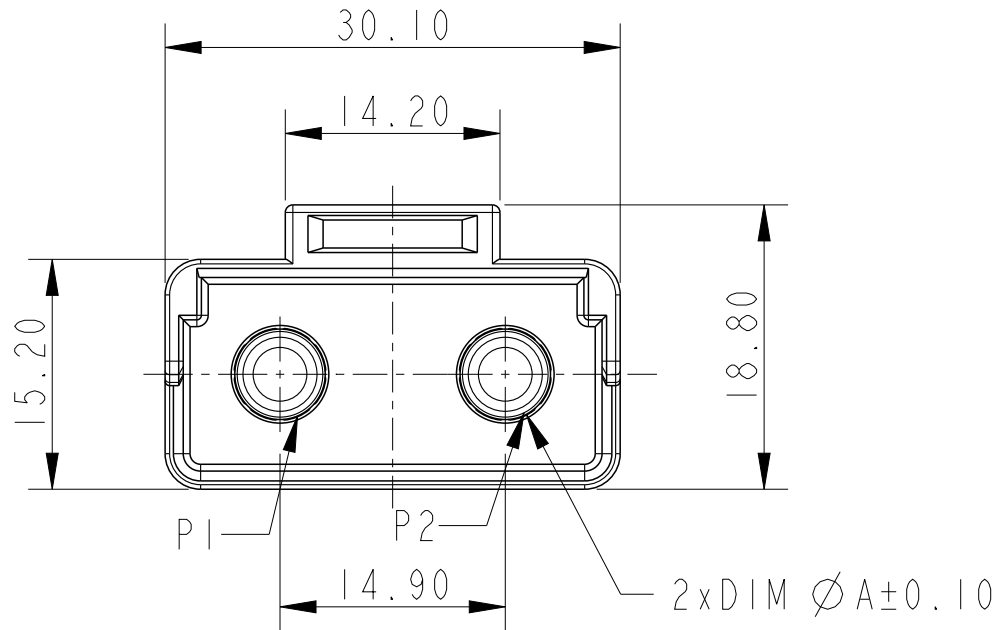


A

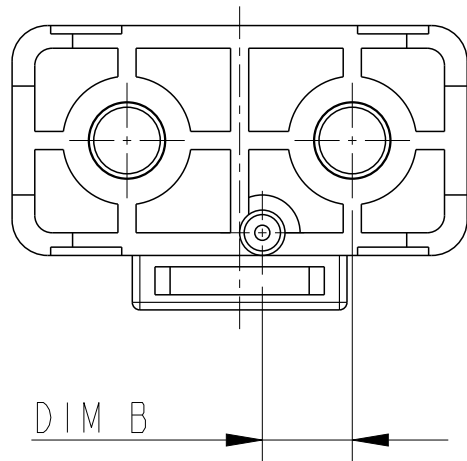
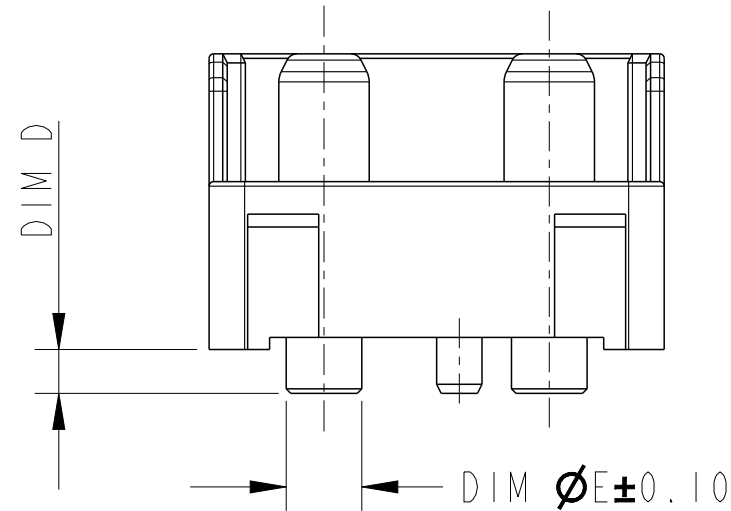
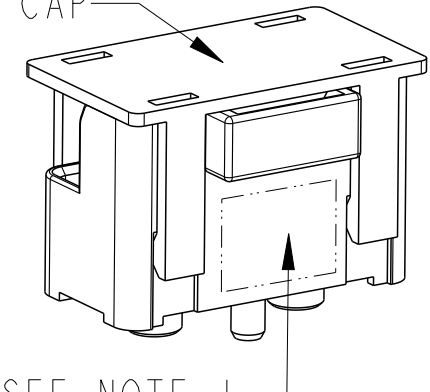
C

D



PICK UP CAP

SEE NOTE 1

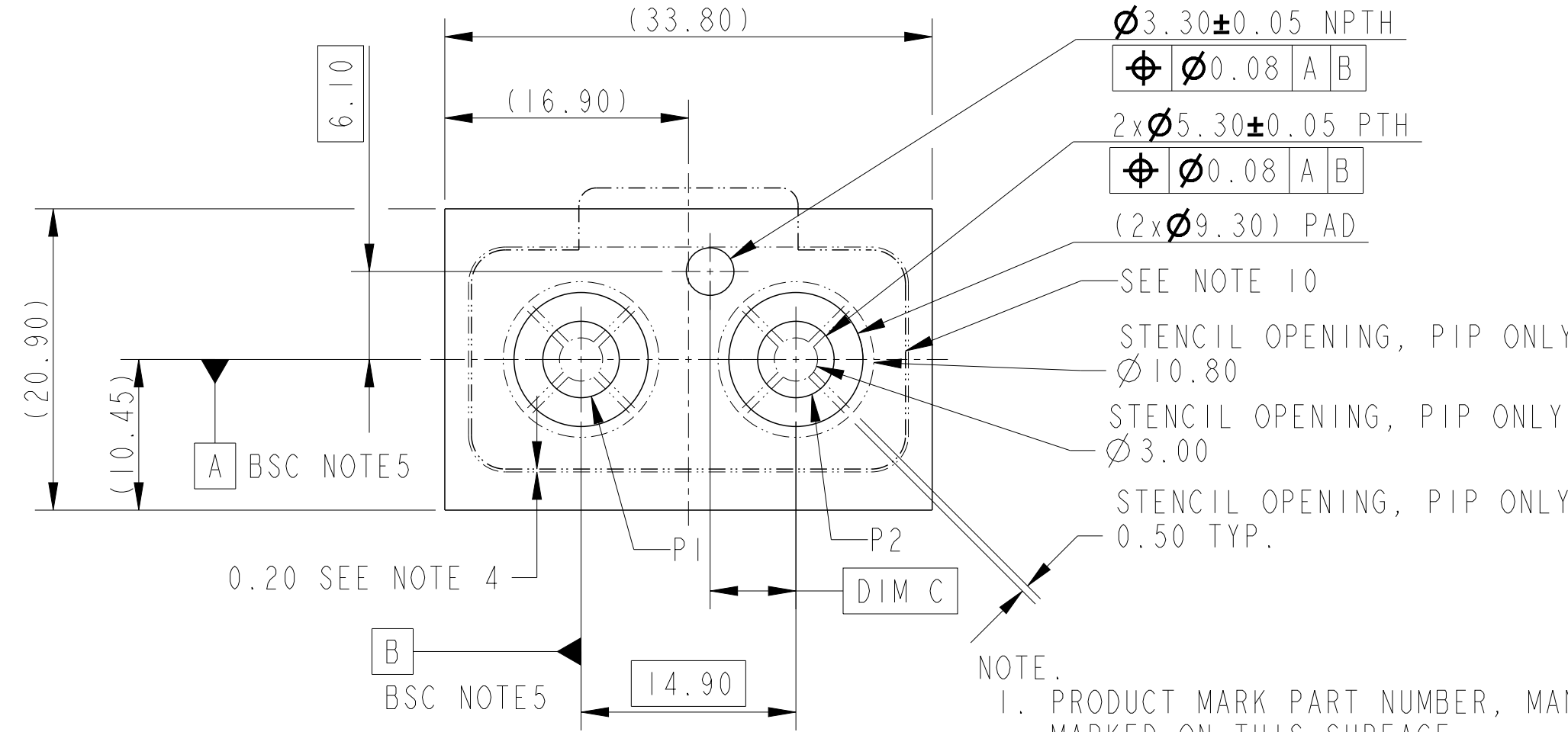


SERIES	PART NUMBER	PACKAGING	SOLDERING	PICK UP CAP	DIM A	DIM B	DIM D	DIM E (Ø)
6.0MM 150A/PIN	*10175075-001LF	SOFT TRAY	DIP(WAVE SOLDERING)	NO	6.00	5.95	4.40	4.90
	*10175075-001CLF	JEDEC SOFT TRAY	PIP(REFLOW SOLDERING)	YES			2.90	5.00
	10175075-001PLF	HARD TRAY	PIP(REFLOW SOLDERING)	NO				
	10175075-001PCLF	HARD TRAY	PIP(REFLOW SOLDERING)	YES				
5.7MM 100A/PIN	*10175075-002LF	SOFT TRAY	DIP(WAVE SOLDERING)	NO	5.70	8.95	4.40	4.90
	*10175075-002CLF	JEDEC SOFT TRAY	PIP(REFLOW SOLDERING)	YES			2.90	5.00
	10175075-002PLF	HARD TRAY	PIP(REFLOW SOLDERING)	NO				
	10175075-002PCLF	HARD TRAY	PIP(REFLOW SOLDERING)	YES				

* = NOT TOOLED

spec ref				dr		Will Gao		2024/02/01		Amphenol Power Solutions				MM		scale		2.000		size		A3	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Dong, Qing-Fen						2026/03/06		ecn no				ELX-DG-280526-1			
ISO 406 ISO 1101						rvwr		-						-		rel level				Released			
				appr		Andy Lu		2026/03/10		A Division of Amphenol Corporation				amphenol-icc.com									
surface ISO 1302		linear		0.X		±0.5		projection 		title COOLPOWER HD 6.0MM & 5.7MM VT BOARD ASSEMBLY		dwg no		10175075						rev A			
				0.XX		±0.25						cat. no.						-					
				0.XXX		±0.13																	
		ISO 1302		angular		0°		±°		product family				-		Product - Customer Drw				sheet 1 of 2			

TOP VIEW
PCB LAYOUT
(RECOMMENDED STENCIL THICKNESS: 0.15MM)



2.40
RECOMMENDED PCB THICKNESS

- NOTE.
1. PRODUCT MARK PART NUMBER, MANUFACTURER'S NAME AND DATE CODE TO MARKED ON THIS SURFACE.
 2. MATERIALS:
 - HOUSING & PICK UP CAP: HIGH TEMP THERMOPLASTIC, UL94V-0, BLACK.
 - POWER CONTACT: HIGH CONDUCTIVITY COPPER ALLOY.
 3. PLATING SPECIFICATION:
 - TERMINALS: SILVER OVER NICKEL PLATING.
 4. DENOTES CONNECTOR KEEP OUT ZONE.
 5. DATUM AND BASIC DIMENIONS ARE ESTABLISHED BY CUSTOMER.
 6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
 7. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS FOR PIP(REFLOW SOLDERING)AND DIP(WAVE SOLDERING).
 8. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
 9. PRODUCT SPECIFICATION : GS-12-1941.
 - APPLICATION SPECIFICATION : GS-20-0908.
 - PRODUCT PACKAGE SPECIFICATION: GS-14-3141.
 10. THE MODULE LINE OF THE MOUL.

SERIES	PCB APPLICATION	DIM C
6.0MM 150A/PIN	10175075-001LF	5.95
	10175075-001CLF	
	10175075-001PLF	
	10175075-001PCLF	
5.7MM 100A/PIN	10175075-002LF	8.95
	10175075-002CLF	
	10175075-002PLF	
	10175075-002PCLF	

spec ref		dr		Will Gao		2024/02/01		Amphenol Power Solutions			MM		scale		size				
tolerance std		eng		Dong, Qing-Fen		2026/03/06					ecn no		ELX-DG-280526-1		2.500		A3		
ISO 406 ISO 1101		rvwr		-		-													
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr		Andy Lu		2026/03/10		A Division of Amphenol Corporation			amphenol-icc.com			rel level			Released		
surface ISO 1302		linear		0.X ±0.5		0.XX ±0.25		0.XXX ±0.13		projection		title COOLPOWER HD 6.0MM & 5.7MM VT BOARD ASSEMBLY		dwg no 10175075		rev A			
														cat. no. -					
														angular 0° ±°					
				product family				-				Product - Customer Drw				sheet 2 of 2			