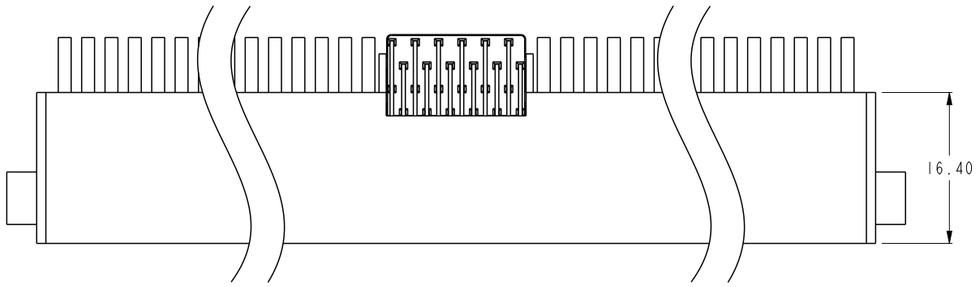
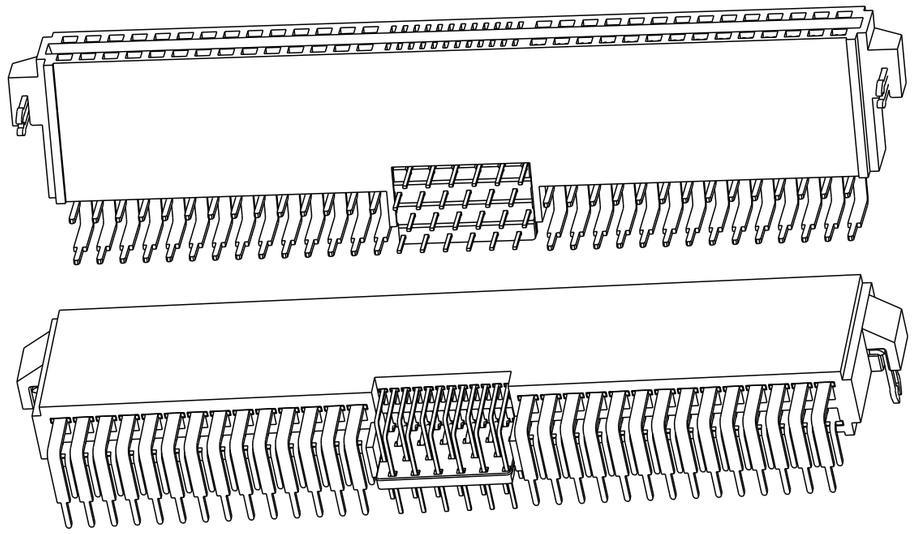
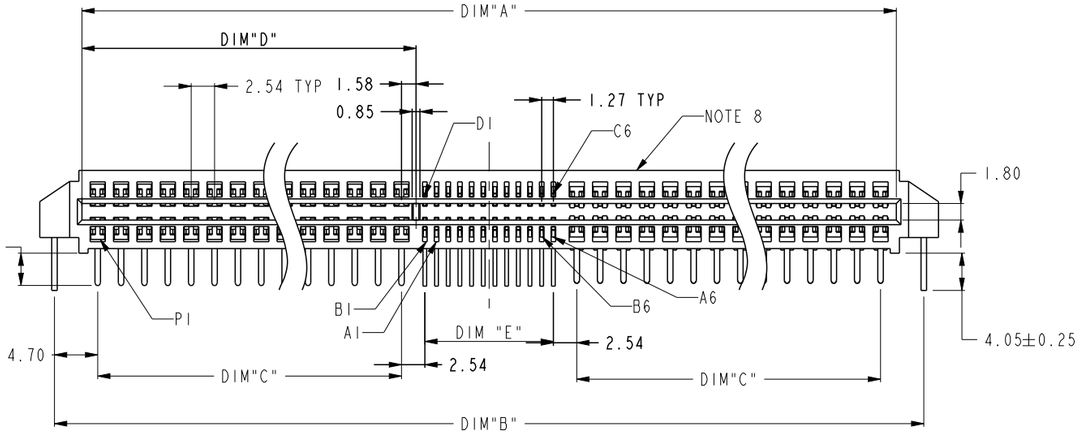
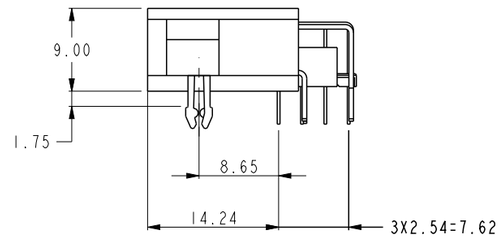
PRODUCT NO.
10028886-XXX__ NOTE:④









NOTE:

1. MATERIAL
   HOUSING: HIGH TEMPERATURE THERMOPLASTIC,UL 94V-0 RATED, BLACK.
   CONTACT: POWER PIN- HIGH CONDUCTIVITY COPPER ALLOY
   SIGNAL PIN- COPPER ALLOY
2. PRODUCT SPECIFICATION:GS-12-259.
3. PACKAGE SPECIFICATION:GS-14-937.
4. PLATING SPEC:
   10028886-XXX BOTH AREA ALL OVER 50u" NICKEL UNDERPLATED
   POWER PIN-30u" GOLD ON MATING AREA;
   SIGANL PIN-15u" GOLD ON MATING AREA;
   BOTH SOLDER TAILS-100u" MATTE TIN/LEAD.
   10028886-XXXLF BOTH AREA ALL OVER 50u" NICKEL UNDERPLATED
   POWER PIN-30u" GOLD ON MATING AREA;
   SIGANL PIN-15u" GOLD ON MATING AREA;
   BOTH SOLDER TAILS-100u" MATTE PURE Sn.
5. P/N 10028886-XXXLF MEETS EUROPEAN UNION DIRECTIVE
   AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
6. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
   FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.
7. MANUFACTURER'S NAME, P/N AND DATE CODETO APPEAR ON THIS SURFACE
   AS PER GS-24-007.

rev	ecn no	dr	date
H	DG06-0306	RY	2006-08-04
J	DG06-0524	JW	2006-12-26
K	DG10-0117	Junon	2010-03-25
L	DG11-0126	WL	2011-01-24
M	DG-0011942	HZ	2012-06-15
N	ELX-DG-14497-1	JULIA	2013-04-12
P	ELX-DG-52061-1	LW	2024-07-05
R	ELX-DG-58921-1	JY Gao	2026-01-29

spec ref			dr	Jin-Yuan Gao	2025/10/09
tolerance std ASEM Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Laven Wang	2026/01/30
			rvwr	-	-
			appr	Andy Lu	2026/01/30
surface ASME Y14.5	linear	0.X ±0.25	projection	title	POWER EDGE CARD CONNECTOR ASS'Y
		0.XX ±0.15		dwg no	10028886
		0.XXX ±0.10		cat. no.	*
	angular	0° ±2°		rev	R
				product family	Power Edge Card
				Product - Customer Drw	sheet 1 of 5

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MM | scale 1.500 | size A3
ecn no ELX-DG-59239-1
rel level Released

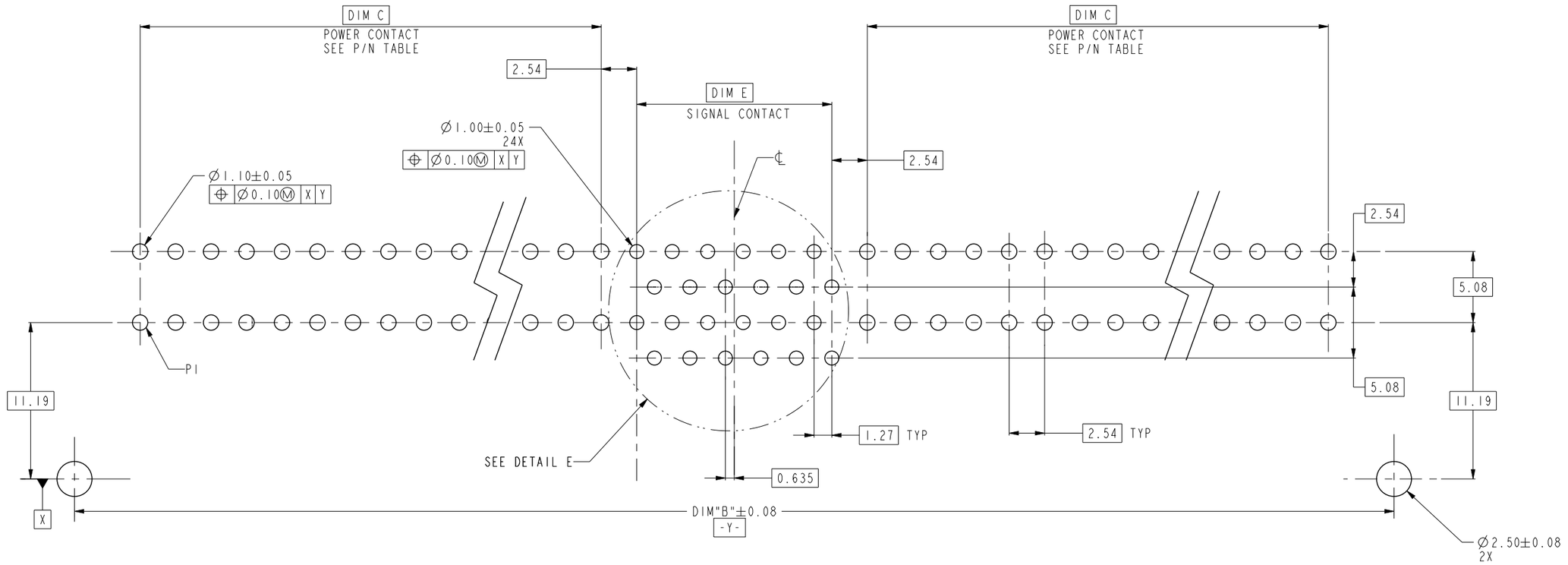
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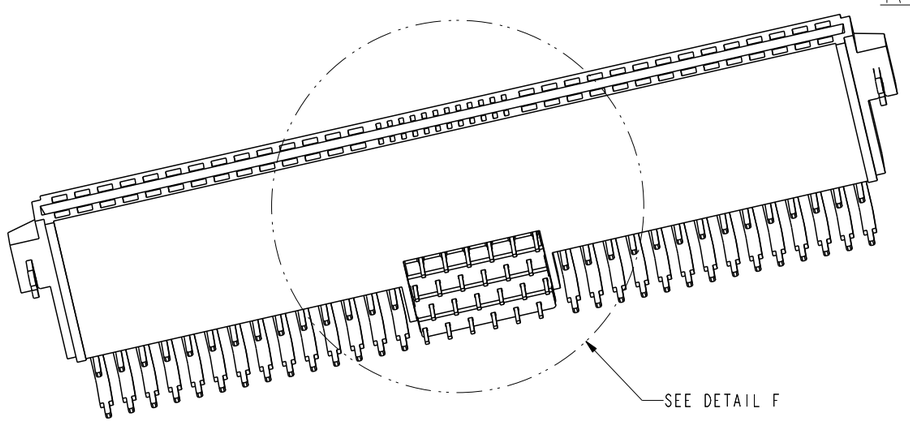
PDS: Rev :R STATUS:Released Printed: Jan 30, 2026

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PRODUCT NO.
10028886-XXX__ NOTE:④



RECOMMENDED PCB LAYOUT



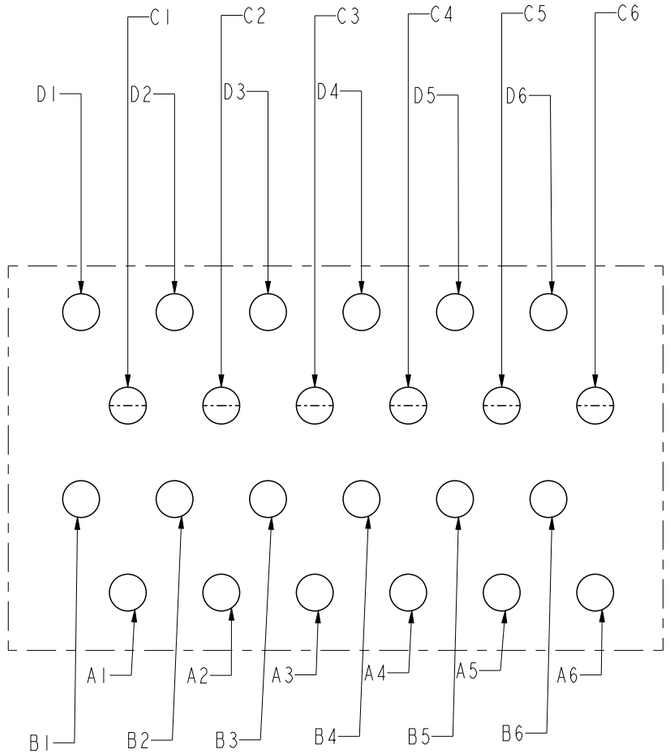
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tolerance std ASEM Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Laven Wang	2026/01/30	MM / scale 3.000 / size A3
				rvwr	-	-	ecn no ELX-DG-59239-1
surface ASME Y14.5	linear	0.X	±0.25	appr	Andy Lu	2026/01/30	A Division of Amphenol Corporation amphenol-icc.com / rel level Released
		0.XX	±0.15	projection			title: POWER EDGE CARD CONNECTOR ASS'Y / dwg no 10028886 / rev R
		0.XXX	±0.10				cat. no. *
	angular	0°	±2°	product family	Power Edge Card	Product - Customer Drw	sheet 2 of 5

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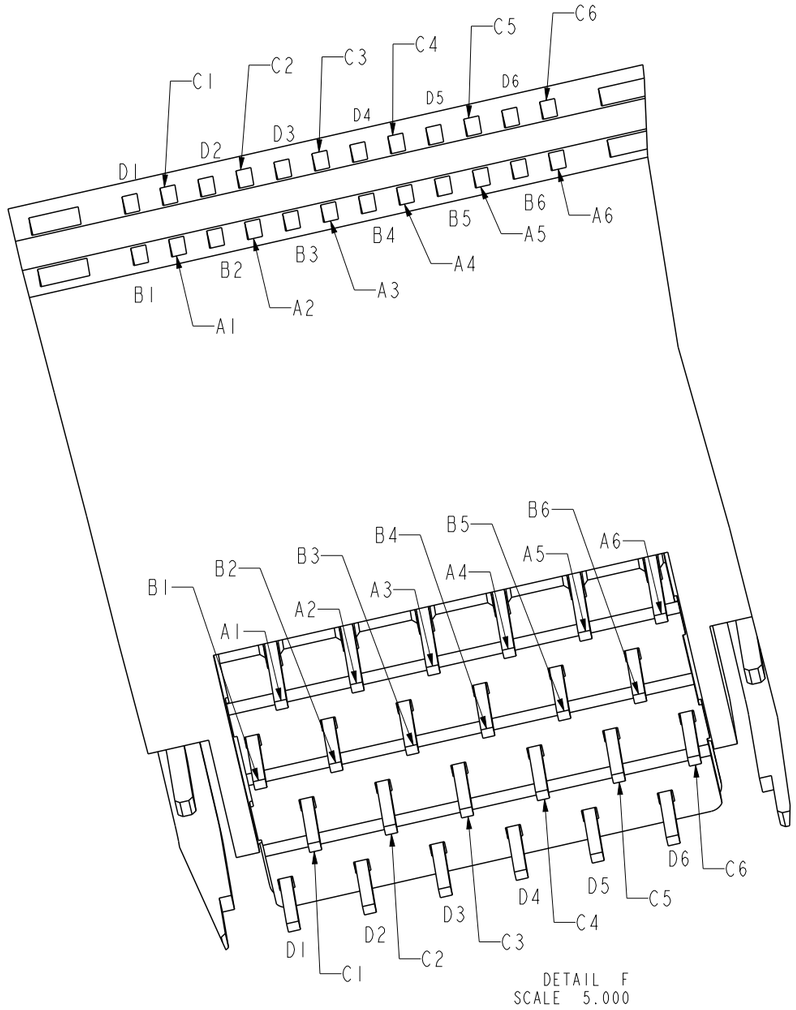
Creo File:APH-PWR-A3C,REV B,2021-05-07

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PRODUCT NO.
10028886-XXX__ NOTE:④



DETAIL E
SCALE 6.000



DETAIL F
SCALE 5.000

spec ref				dr	Jin-Yuan Gao	2025/10/09	Amphenol Power Solutions
tolerance std ASEM Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Laven Wang	2026/01/30	MM / scale 3.000 / size A3
				rvwr	-	-	ecn no ELX-DG-59239-1
surface ASME Y14.5	linear	0.X	±0.25	appr	Andy Lu	2026/01/30	A Division of Amphenol Corporation amphenol-icc.com / rel level Released
		0.XX	±0.15	projection	title	POWER EDGE CARD CONNECTOR ASS'Y	dwg no 10028886 / rev R
		0.XXX	±0.10				cat. no. *
	angular	0°	±2°		product family	Power Edge Card	Product - Customer Drw / sheet 3 of 5

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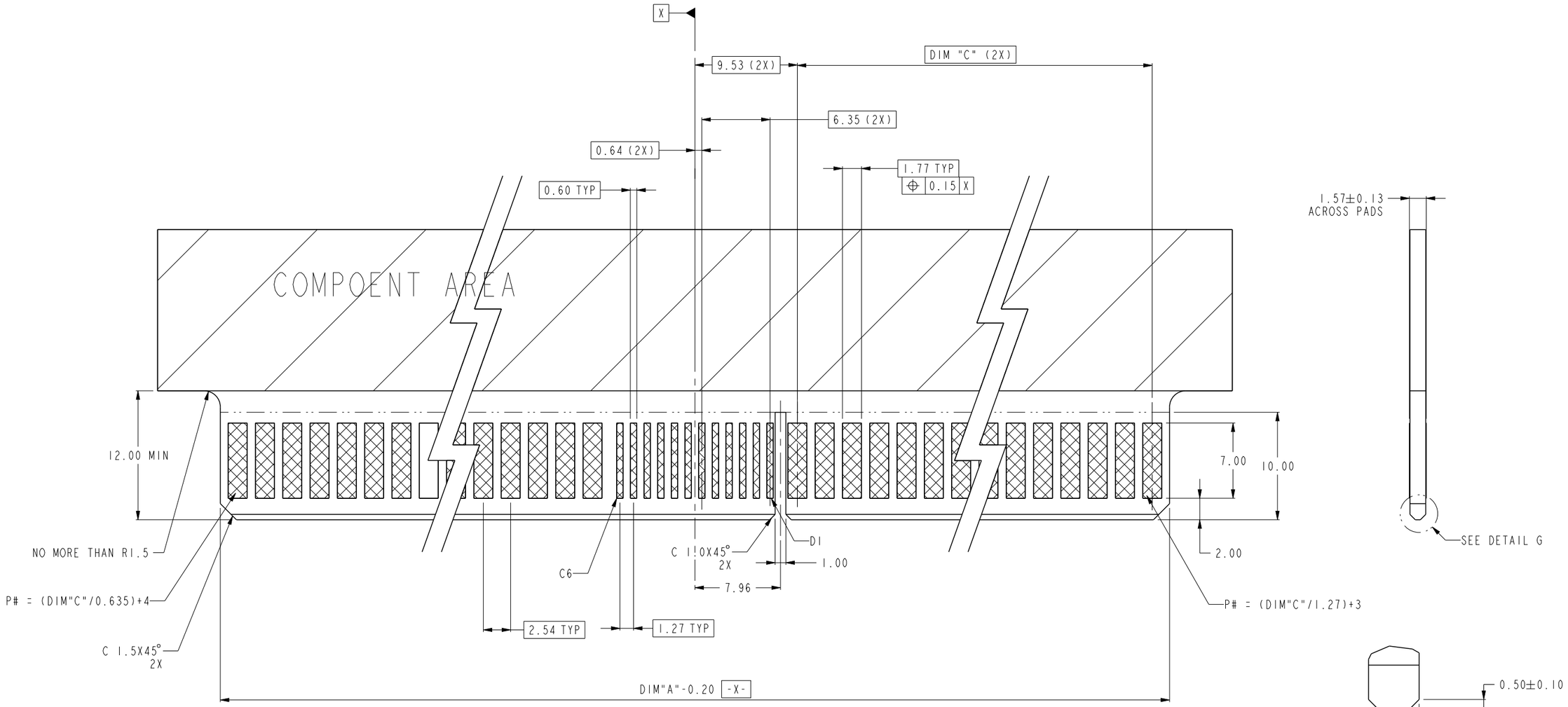
PDS: Rev :R

STATUS:Released

Printed: Jan 30, 2026

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PRODUCT NO.
10028886-XXX__ NOTE:④



RECOMMENDED MODULE BOARD LAYOUT

DETAIL G
SCALE 8.000

spec ref				dr	Jin-Yuan Gao	2025/10/09	Amphenol Power Solutions	MM	scale 2.500 / size A3
tolerance std ASEM Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Laven Wang	2026/01/30		ecn no	ELX-DG-59239-1
				rvwr	-	-		rel level	Released
surface ASME Y14.5	linear	0.X	±0.25	appr	Andy Lu	2026/01/30	A Division of Amphenol Corporation amphenol-icc.com		
		0.XX	±0.15	projection		title	POWER EDGE CARD CONNECTOR ASS'Y	dwg no	10028886
		0.XXX	±0.10					cat. no.	*
	angular	0°	±2°			product family	Power Edge Card	Product - Customer Drw	sheet 4 of 5

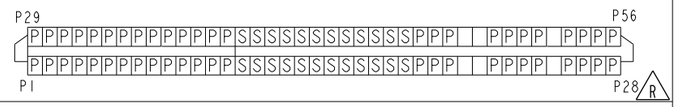
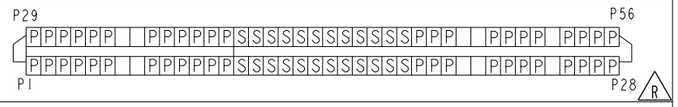
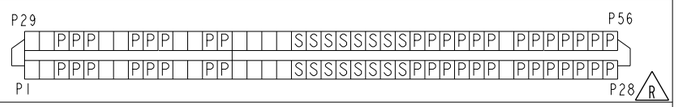
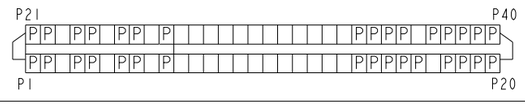
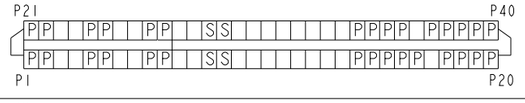
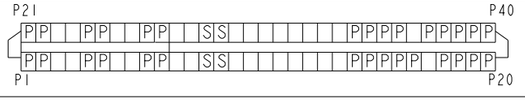
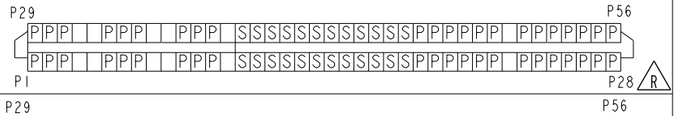
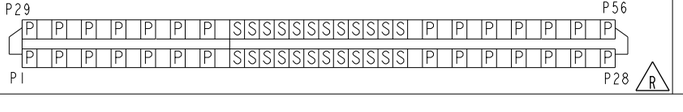
rev R

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PART NO.	DIM "A"	DIM "B"	DIM "C"	DIM "D"	HOUSING CAVITY CONF.(PAIR)	CONTACT CONFIGURATION(SEE NOTE)	PACKAGE
10028886-001 10028886-001LF	42.80	48.77	10.16	13.46	5P+12S+5P	ALL LOADED	SOFT TRAY
10028886-002 10028886-002LF	52.96	58.93	15.24	18.54	7P+12S+7P	ALL LOADED	
10028886-003 10028886-003LF	88.52	94.49	33.02	36.32	14P+12S+14P	ALL LOADED	
10028886-003A 10028886-003ALF	88.52	94.49	33.02	36.32	14P+12S+14P		
10028886-003B 10028886-003BLF	88.52	94.49	33.02	36.32	14P+12S+14P		
10028886-003C 10028886-003CLF	88.52	94.49	33.02	36.32	14P+12S+14P		
10028886-103 10028886-103LF 10028886-103SLF	88.52	94.49	33.02	36.32	14P+12S+14P	ALL LOADED,NO HOLD DOWN	SPECIAL SOFT TRAY
10028886-004 10028886-004LF	68.20	74.17	22.86	26.16	10P+12S+10P	ALL LOADED	SOFT TRAY
10028886-004A 10028886-004ALF	68.20	74.17	22.86	26.16	10P+12S+10P		
10028886-004B 10028886-004BLF	68.20	74.17	22.86	26.16	10P+12S+10P		
10028886-004CLF	68.20	74.17	22.86	26.16	10P+12S+10P		
10028886-007LF	88.52	94.49	33.02	36.32	14P+12S+14P		
10028886-008LF	88.52	94.49	33.02	36.32	14P+12S+14P		

NOTE:

1."P" FOR POWER PIN;
"S" FOR SIGNAL PIN;
"□" FOR NOT LOADED

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spec ref			
tolerance std ASEM Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		
surface ASME Y14.5	linear	0.X	±0.25
		0.XX	±0.15
		0.XXX	±0.10
	angular	0°	±2°

dr	Jin-Yuan Gao	2025/10/09
eng	Laven Wang	2026/01/30
rvwr	-	-
appr	Andy Lu	2026/01/30

projection

Amphenol Power Solutions
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title: POWER EDGE CARD CONNECTOR ASS'Y

MM	scale 1.500	size A3	
ecn no	ELX-DG-59239-1		
rel level	Released		
dwg no	10028886	rev R	
cat. no.	*		
product family	Power Edge Card	Product - Customer Drw	sheet 5 of 5

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