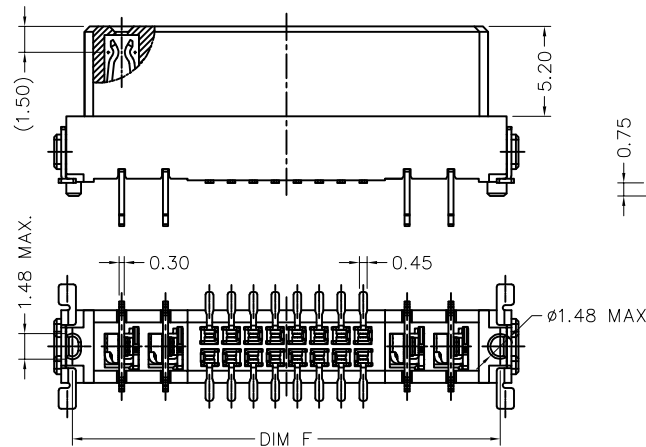
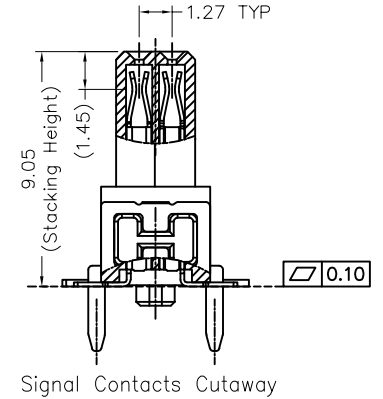
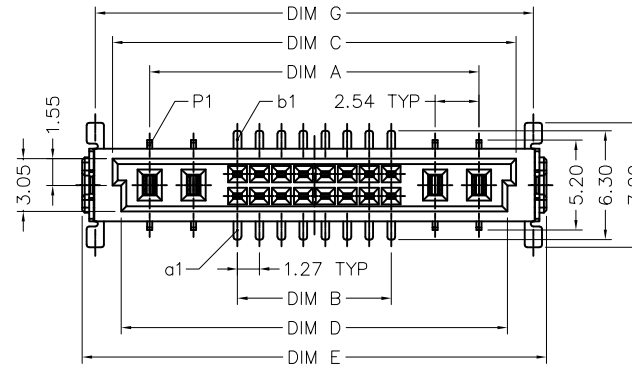
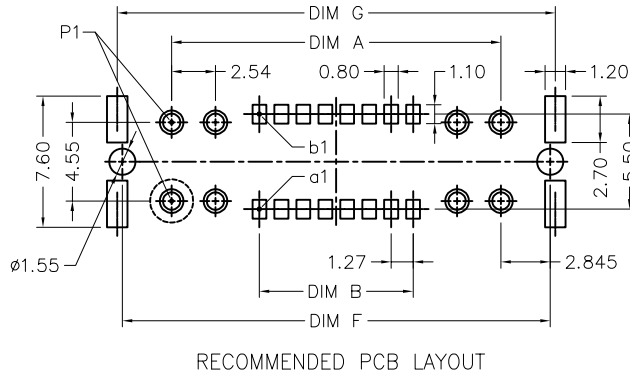


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	9/3/26	



SPECIFICATIONS:

Material:

Insulator: Hi-temp thermoplastic, rated UL 94V-0

Insulator color: Black

Power Contact: Copper Alloy

Signal Contact: Copper Alloy

Hold Down: Copper Alloy, Tin plated

Plating:

Gold flash over Nickel underplate on contact area,

Tin over Nickel underplate on solder tails

Electrical:

Voltage rating: 120V DC

Current rating: 24 Amp max (Single Power Contact)

2 Amp max (Single Signal Contact)

Contact resistance: 10 mohms max (Power Contact)

25 mohms max (Signal Contact)

Insulation resistance: 10,000 Mohms min

Dielectric withstanding voltage: 1,390V AC for 1 minute (Power Contact)

500V AC for 1 minute (Signal Contact)

Temperature Rating:

Operating temperature: -55°C to +125°C

Environmental:

Lead free, RoHS compliant.



ADAM TECH P/N	POWER POS.	SIGNAL POS.	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G
ESMC22D-10-20C2	2	8	8.89	3.81	13.18	12.18	16.69	14.58	15.18
ESMC22D-20-20C2	4	16	19.05	8.89	23.34	22.34	26.85	24.74	25.34
ESMC22D-32-20C2	6	26	30.48	15.24	34.77	33.77	38.28	36.17	36.77
ESMC22D-44-20C2	8	36	41.91	21.59	46.20	45.20	49.71	47.60	48.20

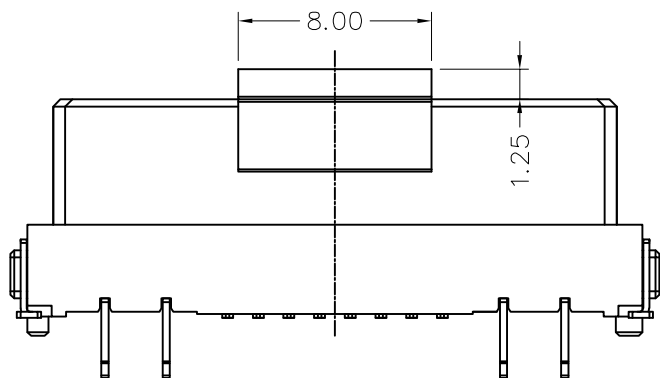
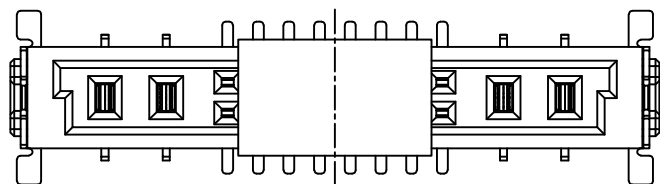
PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED			ADAM TECH 909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 adam-tech.com	
MM	.X ± 0.35 .XX ± 0.20 .XXX ± 0.10	ANGLE ± 2°		
DRAWN	WY	9/3/26	TITLE POWER 2.54mm SIGNAL 1.27mm BOARD TO BOARD HYBRID CONN, FEMALE, STRAIGHT, DIP/SMT TYPE	
CHECKED	RC	9/3/26		
APPROVED				
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			PART NO. ESMC22D-XX-20C2	
REF: S00242T			SCALE: NTS	REV: -
			SHEET 1	OF 3

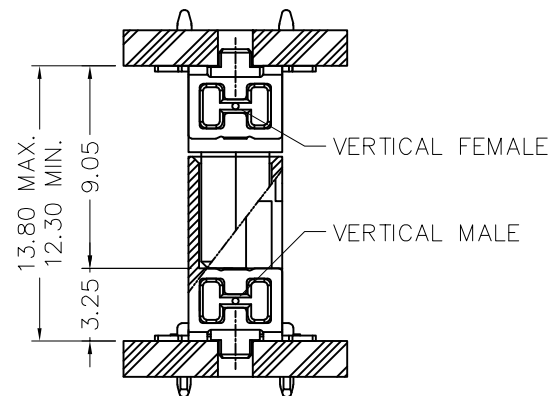
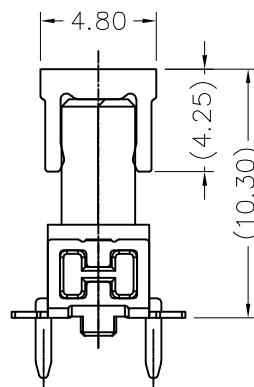
APPROVED: _____

DATE: _____ TITLE: _____

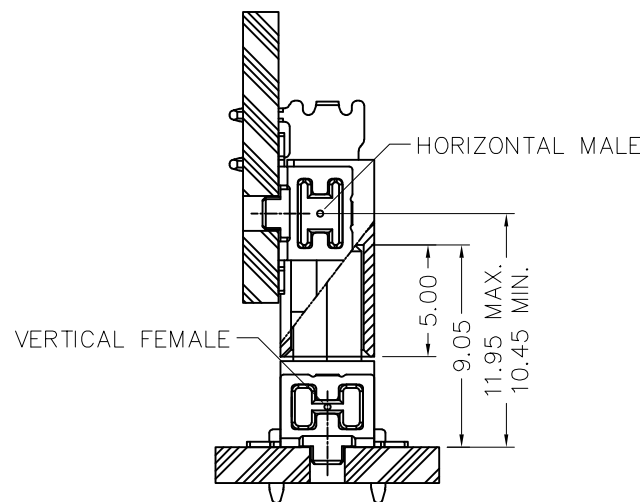
Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				



With CAP



Mating Application- Mezzanine



Mating Application- Daughter Card to Motherboard

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS
ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

MM	.X	± 0.35	ANGLE	± 2°
	.XX	± 0.20		
	.XXX	± 0.10		

DRAWN	WY	9/3/26
CHECKED	RC	9/3/26
APPROVED		

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**ADAM
TECH**

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
adam-tech.com

TITLE
**POWER 2.54mm SIGNAL 1.27mm BOARD TO BOARD
HYBRID CONN, FEMALE, STRAIGHT, DIP/SMT TYPE**

SIZE X	PART NO. ESMC22D-XX-20C2	REV. -
REF: S00242T	SCALE: NTS	SHEET 2 OF 3

APPROVED: _____

DATE: _____ TITLE: _____

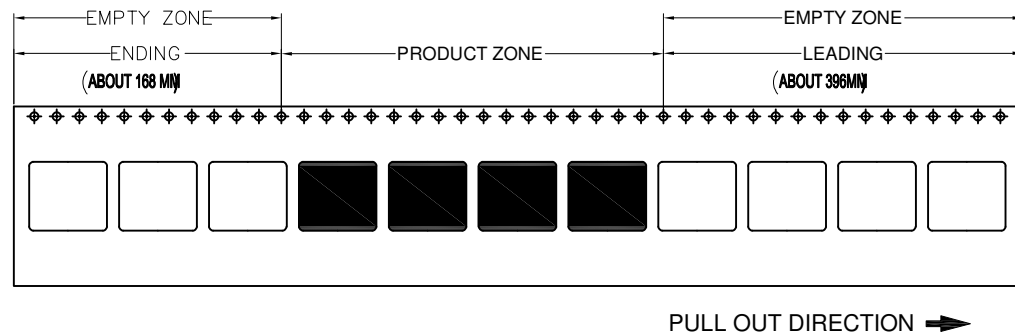
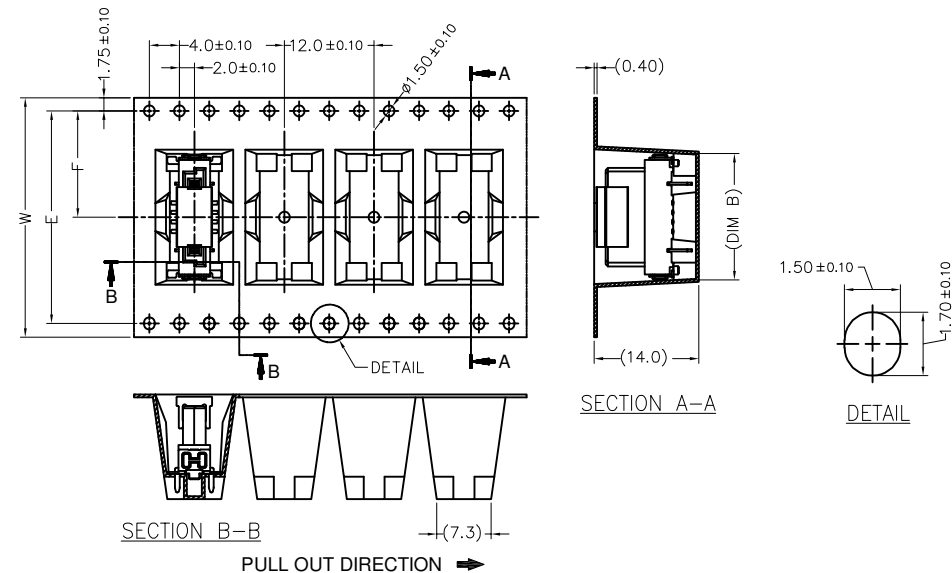
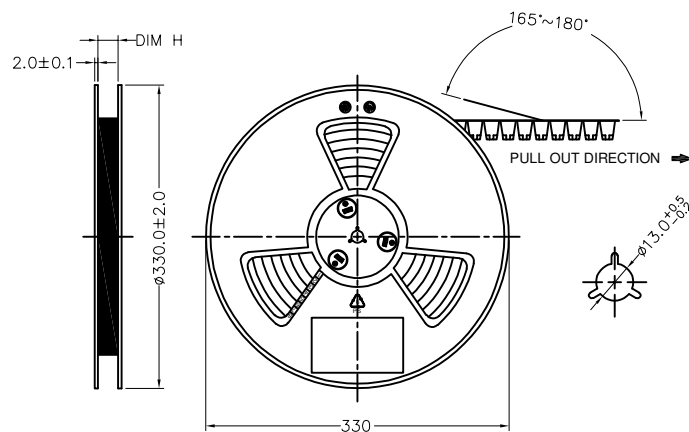
Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				

@ PACKING LIST

ADAM TECH P/N	PCS (REEL)	REEL (OUTSIDE CTN)	PCS (OUTSIDE CTN)	DIM H +0.2/-0	CTN SIZE
ESMC22D-10-20C2	350	5	1750	32.40	350*350*260
ESMC22D-20-20C2		4	1400	44.40	
ESMC22D-32-20C2		3	1050	56.40	350*350*460
ESMC22D-44-20C2		5	1750	72.40	

@ DIM. TABLE

ADAM TECH P/N	DIM B ±0.15	DIM E ±0.10	DIM F ±0.10	DIM W +0.30/-0.10
ESMC22D-10-20C2	16.9	28.40	14.20	32.00
ESMC22D-20-20C2	27.1	40.40	20.20	44.00
ESMC22D-32-20C2	38.5	52.40	26.20	56.00
ESMC22D-44-20C2	49.9	68.40	34.20	72.00



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

MM	.X ± 0.35	ANGLE ± 2°
	.XX ± 0.20	
	.XXX ± 0.10	

DRAWN WY 9/3/26

CHECKED RC 9/3/26

APPROVED

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TITLE
**POWER 2.54mm SIGNAL 1.27mm BOARD TO BOARD
HYBRID CONN, FEMALE, STRAIGHT, DIP/SMT TYPE**

SIZE	PART NO.	REV.
X	ESMC22D-XX-20C2	-

REF: S00242T SCALE: NTS SHEET 3 OF 3