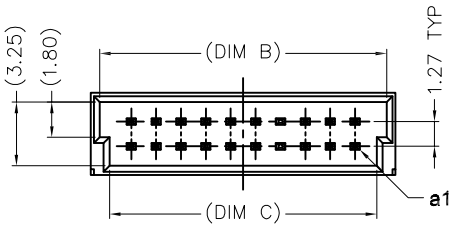
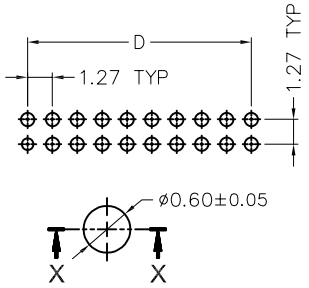
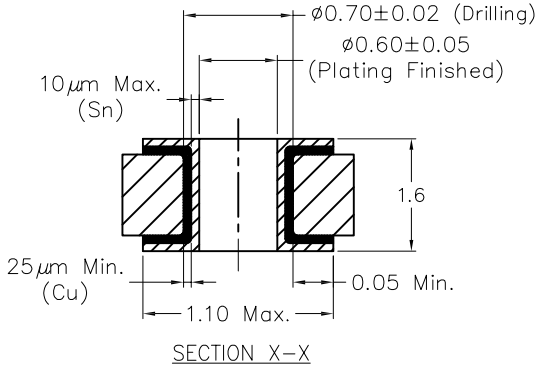
Rev	AWO #	Description	Date	Appr
-		RELEASED	4/29/26	

APPROVED: _____

DATE: _____ TITLE: _____

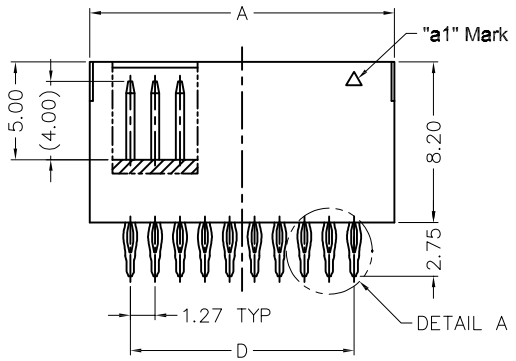


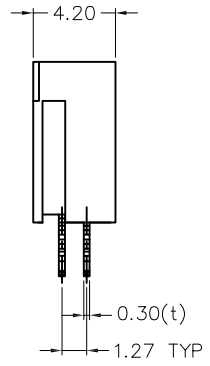


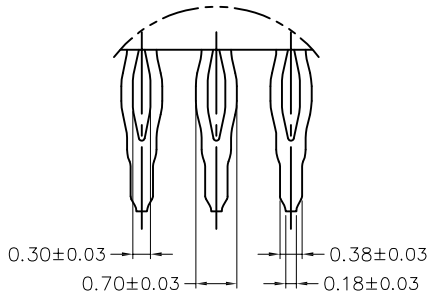


SECTION X–X

RECOMMENDED PCB LAYOUT







DETAIL A

ESMC–M2–XX–SGS–PF

PIN NO.	DIMENSION			
	A	B	C	D
12	10.47	9.57	8.57	6.35
26	19.36	18.46	17.46	15.24
50	34.60	33.70	32.70	30.48
80	53.65	52.75	51.75	49.53

SPECIFICATIONS:
Material:
Insulator: Hi–temp thermoplastic, rated UL 94V–0
Insulator color: Black
Contact: Phosphor Bronze
Plating:
Gold flash over Nickel underplate on contact area,
Tin over Nickel underplate on solder tails
Electrical:
Current rating: 1.7A
Contact resistance: 25 mohms max
Insulation resistance: 1000 Mohms min
Dielectric withstanding voltage: 500V AC for 1 minute
Temperature Rating:
Operating temperature: –55°C to +125°C
Environmental:
Lead free, RoHS compliant. RoHS COMPLIANT

PACKAGED ON PLASTIC TUBE

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

MM .X ± 0.25 .XX ± 0.15 .XXX ± 0.05 ANGLE ± 2°

DRAWN	WY	4/29/26
CHECKED	RC	4/29/26
APPROVED		

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

TITLE
1.27MM POWER BOARD TO BOARD STACKING CONNECTOR, MALE, STRAIGHT, PRESS-FIT TYPE

SIZE	PART NO.	REV.
X	ESMC-M2-XX-SGS-PF	-

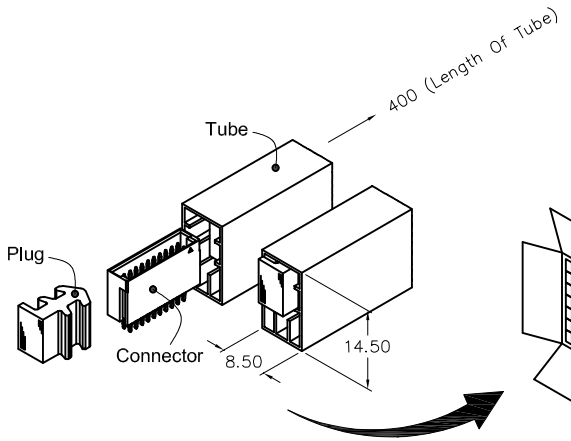
REF:	SO0242T	SCALE: NTS	SHEET 1 OF 2

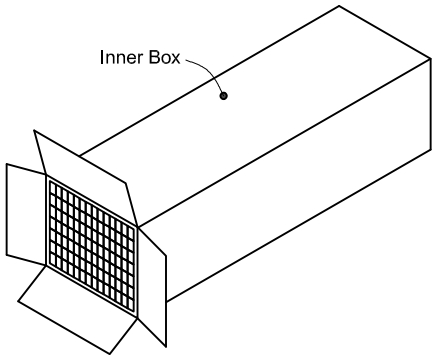
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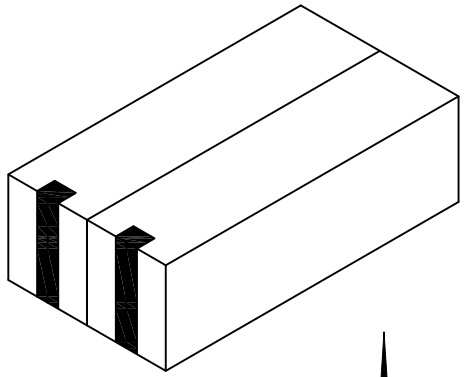
Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: _____

DATE: _____ TITLE: _____



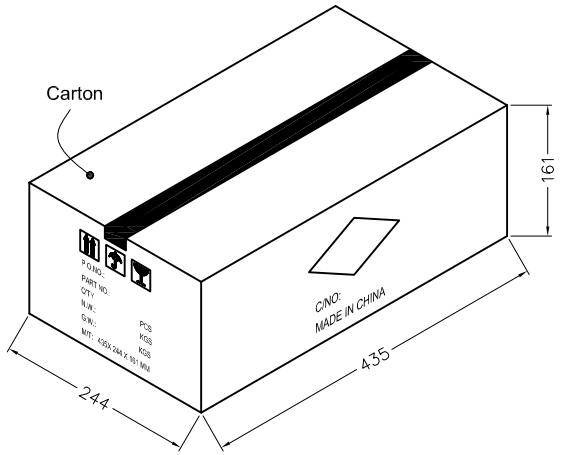




(98 Tubes into the Inner Box)

PIN NO.	PCS/ Tube	Tube/Inner Box	PCS/Inner Box	PCS/Carton
12	36	98	3528	7056
26	19		1862	3724
50	11		1078	2156
80	7		686	1372

(2 Inner Boxes into the Carton)



Unit: mm

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

MM .X ± 0.25, .XX ± 0.15, .XXX ± 0.05 ANGLE ± 2°

DRAWN	WY	4/29/26
CHECKED	RC	4/29/26
APPROVED		

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TITLE
1.27MM POWER BOARD TO BOARD STACKING CONNECTOR, MALE, STRAIGHT, PRESS-FIT TYPE

SIZE	PART NO.	REV.
X	ESMC-M2-XX-SGS-PF	-

REF:	SO0242T	SCALE: NTS	SHEET 2 OF 2

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