

6

5

4

3

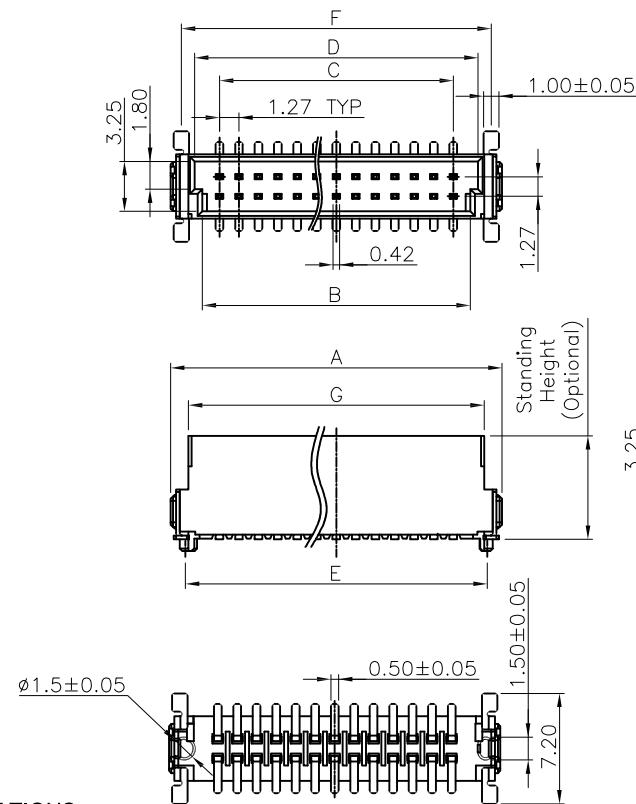
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1

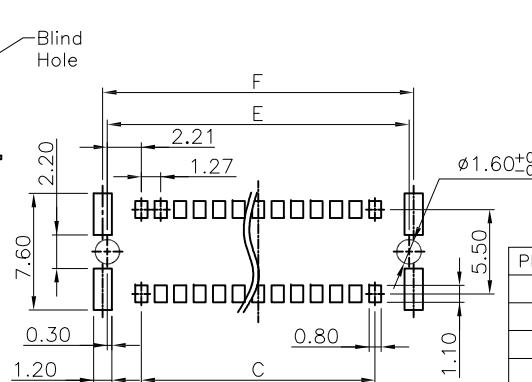
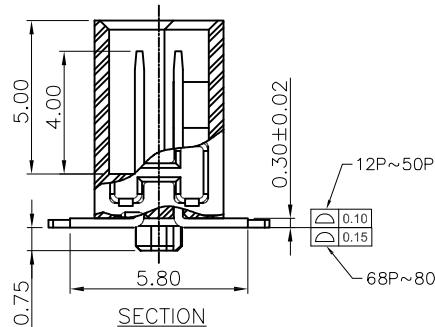
APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/20/17	
A		ADDED PIN NUMBER OPTION	4/16/18	HR/TY
B		UPDATE DRAWING	3/19/20	LH/AC

D

**SPECIFICATIONS:**

Material:
 Insulator: Hi-temp thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Phosphor Bronze
 Board Lock: Brass, Tin plated
 Plating:
 Gold flash over Nickel underplate on contact area,
 Tin over Nickel underplate on solder tails
 Electrical:
 Current rating: 1.2 A max
 Contact resistance: 25 mohms max
 Insulation resistance: 1,000 Mohms min
 Withstanding voltage: 500 VAC for 1 minute
 Temperature Rating:
 Operating temperature: -55°C to +125°C
 Environmental:
 Lead free, RoHS compliant.



RECOMMENDED PCB LAYOUT

PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE MILLIMETERS
 TOLERANCES: EXCEPT AS NOTED
 MM ANGLE
 .X ± 0.35 ± 2°
 .XX ± 0.20
 .XXX ± 0.10

APPROVALS		DATE
DRAWN	AY	3/20/17
CHECKED	MC	3/20/17
APPROVED		

ADAM TECH 909 Rahway Avenue,
 Union, NJ 07083
 Phone: 908-687-5000
INTERCONNECTS Fax: 908-687-5710

SIZE	PART NO.	REV.
X	ESMC-M-XX-SGS-SMT-X-PP-T/R	B
REF: S0024T	SCALE: NTS	SHEET 1 OF 2

APPROVED: _____

DATE: _____ TITLE: _____

SEE SHT 1 OF 2 FOR REVISION

D

D

C

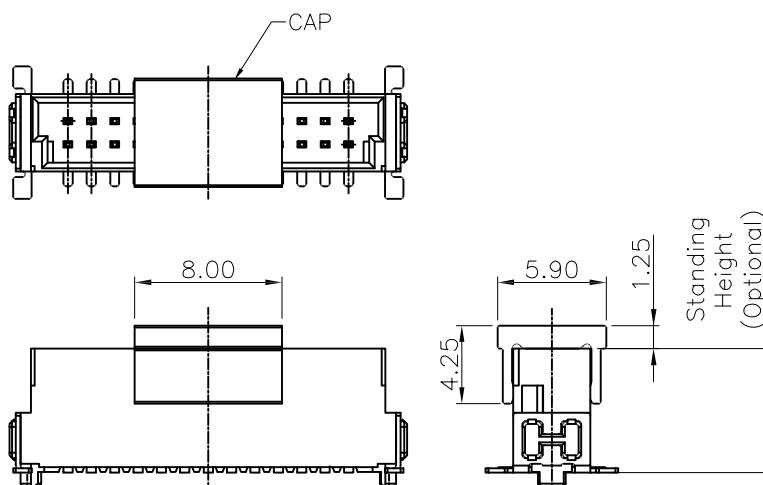
C

B

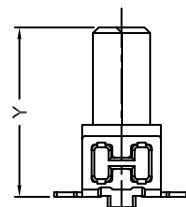
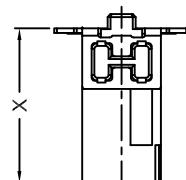
B

A

A



Male Series



Female Series

Matting →

Part No.	Connector Height		Stacking Height H(Matting)
	(X)Male	(Y)Female	
ESMC-M-XX-SGS-SMT-A-PP-T/R	6.75	6.25	8.0
		9.05	10.8
		13.65	15.4
		6.25	9.5
ESMC-M-XX-SGS-SMT-B-PP-T/R	8.25	9.05	12.3
		13.65	16.9
		6.25	11.1
		9.05	13.9
ESMC-M-XX-SGS-SMT-C-PP-T/R	9.85	13.65	18.5

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MILLIMETERS
TOLERANCES: EXCEPT AS NOTED
MM ANGLE
.X ± 0.35 ± 2°
.XX ± 0.20
.XXX ± 0.10

APPROVALS DATE

DRAWN AY 3/20/17

CHECKED MC 3/20/17

APPROVED _____

ADAM TECH 909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE: 1.27mm BOARD TO BOARD STACKING
CONNECTOR, MALE, VERTICAL, SMT TYPE

SIZE X	PART NO. ESMC-M-XX-SGS-SMT-X-PP-T/R	REV. B
REF: S0024T	SCALE: NTS	SHEET 2 OF 2