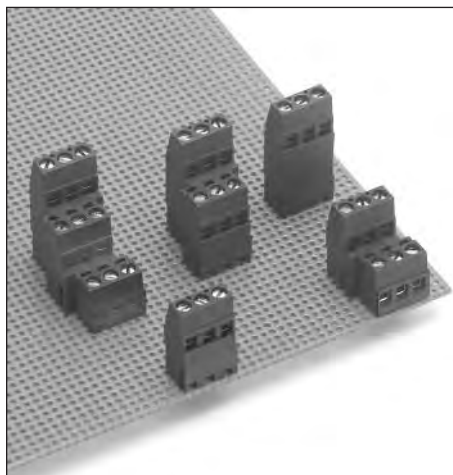


**.200" (5.08mm)**  
**5.0mm (.197")**

# ESMT Multi-Tier Terminal Blocks Mid-Profile Modular Assembly



## Enhanced Density

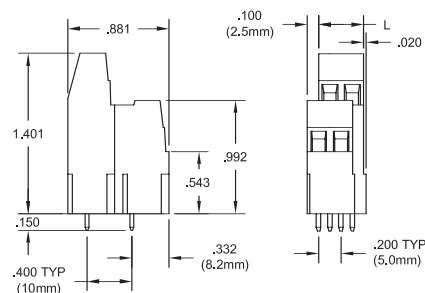
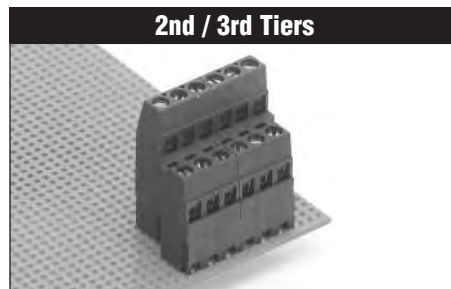
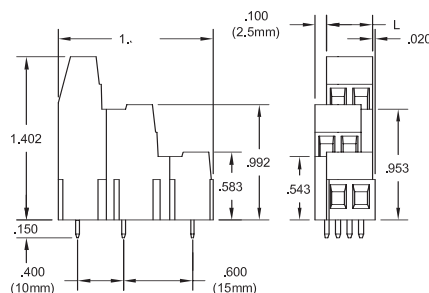
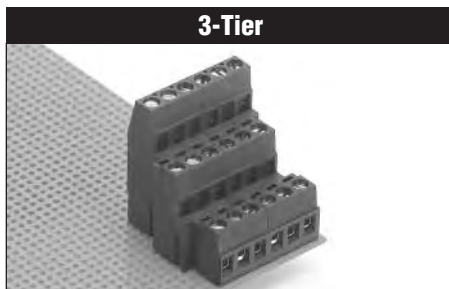
Multi-tier, .200"/5.0mm spacing terminal blocks are rated at 17.5A and provide enhanced board density as well as system flexibility. Moving cage clamp wire termination ensures high reliability.

## Interlocking Modules

Blocks range to 3 tiers high and are available in five different configurations: full (3 tiers), 2nd/3rd tier, 1st/2nd tier, 2nd-tier-only and 3rd-tier-only. Each configuration consists of 2- and 3-position-wide modules with interlocking dovetails. Modules can be easily assembled to length. Users have the option of purchasing and stocking only the 2- and 3-position modules, and assembling to size in-house, in order to minimize inventory and maintain flexibility; or ordering product already assembled to size.

Modules are also back-to-front stackable for maximum system flexibility with a minimum number of different modules. A 1st/2nd tier module, for example, can be placed on a board in front of a 3-tier-only module.

Available in black only.



|                    | Pos | Catalog # | L      |
|--------------------|-----|-----------|--------|
| <b>.200" Pitch</b> |     |           |        |
| <b>Modules</b>     | 6   | ESMT06260 | .400"  |
|                    | 9   | ESMT09260 | .600"  |
| <b>Assemblies</b>  | 12  | ESMT12260 | .800"  |
|                    | 15  | ESMT15260 | 1.000" |
|                    | 18  | ESMT18260 | 1.200" |
|                    | 21  | ESMT21260 | 1.400" |
|                    | 24  | ESMT24260 | 1.600" |
|                    | 27  | ESMT27260 | 1.800" |
|                    | 30  | ESMT30260 | 2.000" |
|                    | 33  | ESMT33260 | 2.200" |
|                    | 36  | ESMT36260 | 2.400" |
| <b>5mm Pitch</b>   |     |           |        |
| <b>Modules</b>     | 6   | ESMT06160 | 10.2mm |
|                    | 9   | ESMT09160 | 15.2mm |
| <b>Assemblies</b>  | 12  | ESMT12160 | 20.3mm |
|                    | 15  | ESMT15160 | 25.4mm |
|                    | 18  | ESMT18160 | 30.5mm |
|                    | 21  | ESMT21160 | 35.6mm |
|                    | 24  | ESMT24160 | 40.6mm |
|                    | 27  | ESMT27160 | 45.7mm |
|                    | 30  | ESMT30160 | 50.8mm |
|                    | 33  | ESMT33160 | 55.9mm |
|                    | 36  | ESMT36160 | 61.0mm |

|                    | Pos | Catalog # | L      |
|--------------------|-----|-----------|--------|
| <b>.200" Pitch</b> |     |           |        |
| <b>Modules</b>     | 4   | ESMT04250 | .400"  |
|                    | 6   | ESMT06250 | .600"  |
| <b>Assemblies</b>  | 8   | ESMT08250 | .800"  |
|                    | 10  | ESMT10250 | 1.000" |
|                    | 12  | ESMT12250 | 1.200" |
|                    | 14  | ESMT14250 | 1.400" |
|                    | 16  | ESMT16250 | 1.600" |
|                    | 18  | ESMT18250 | 1.800" |
|                    | 20  | ESMT20250 | 2.000" |
|                    | 22  | ESMT22250 | 2.200" |
|                    | 24  | ESMT24250 | 2.400" |
| <b>5mm Pitch</b>   |     |           |        |
| <b>Modules</b>     | 4   | ESMT04150 | 10.2mm |
|                    | 6   | ESMT06150 | 15.2mm |
| <b>Assemblies</b>  | 8   | ESMT08150 | 20.3mm |
|                    | 10  | ESMT10150 | 25.4mm |
|                    | 12  | ESMT12150 | 30.5mm |
|                    | 14  | ESMT14150 | 35.6mm |
|                    | 16  | ESMT16150 | 40.6mm |
|                    | 18  | ESMT18150 | 45.7mm |
|                    | 20  | ESMT20150 | 50.8mm |
|                    | 22  | ESMT22150 | 55.9mm |
|                    | 24  | ESMT24150 | 61.0mm |

## APPROVALS:



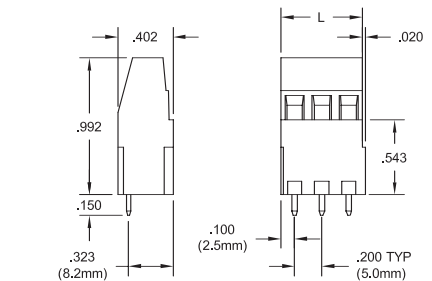
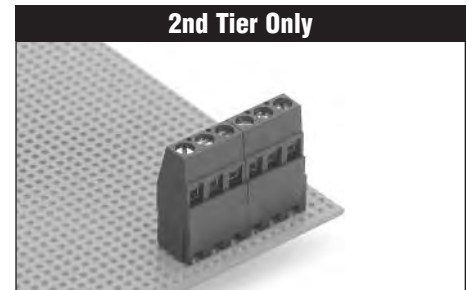
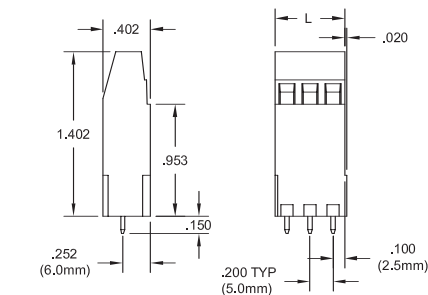
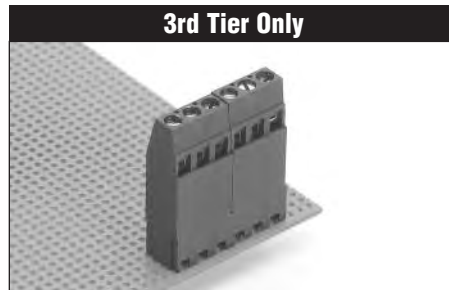
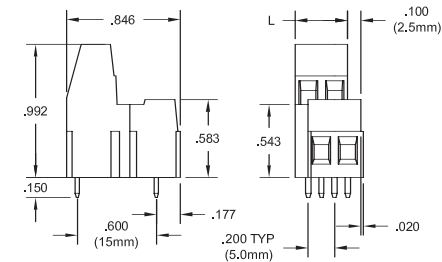
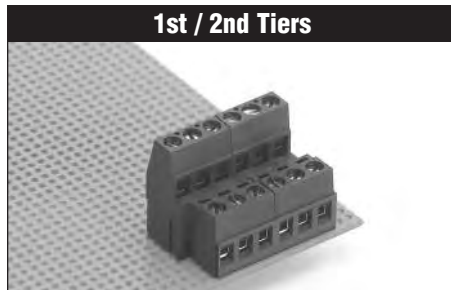
## SPECIFICATIONS:

**Current Rating:** 17.5A  
**Operating Voltage:** 300V  
**Insulation Resistance:** >10<sup>3</sup> Megohms  
**Contact Resistance:** <15milliohms

**Amphenol Pcd**

# ESMT Multi-Tier Terminal Blocks Mid-Profile Modular Assembly

**.200"** (5.08mm)  
**5.0mm** (.197")



|            | Pos         | Catalog # | L      |            | Pos         | Catalog # | L      |            | Pos         | Catalog # | L      |
|------------|-------------|-----------|--------|------------|-------------|-----------|--------|------------|-------------|-----------|--------|
|            | .200" Pitch |           |        |            | .200" Pitch |           |        |            | .200" Pitch |           |        |
| Modules    | 4           | ESMT04240 | .400"  | Modules    | 2           | ESMT02230 | .400"  | Modules    | 2           | ESMT02220 | .400"  |
|            | 6           | ESMT06240 | .600"  |            | 3           | ESMT03230 | .600"  |            | 3           | ESMT03220 | .600"  |
| Assemblies | 8           | ESMT08240 | .800"  | Assemblies | 4           | ESMT04230 | .800"  | Assemblies | 4           | ESMT04220 | .800"  |
|            | 10          | ESMT10240 | 1.000" |            | 5           | ESMT05230 | 1.000" |            | 5           | ESMT05220 | 1.000" |
|            | 12          | ESMT12240 | 1.200" |            | 6           | ESMT06230 | 1.200" |            | 6           | ESMT06220 | 1.200" |
|            | 14          | ESMT14240 | 1.400" |            | 7           | ESMT07230 | 1.400" |            | 7           | ESMT07220 | 1.400" |
|            | 16          | ESMT16240 | 1.600" |            | 8           | ESMT08230 | 1.600" |            | 8           | ESMT08220 | 1.600" |
|            | 18          | ESMT18240 | 1.800" |            | 9           | ESMT09230 | 1.800" |            | 9           | ESMT09220 | 1.800" |
|            | 20          | ESMT20240 | 2.000" |            | 10          | ESMT10230 | 2.000" |            | 10          | ESMT10220 | 2.000" |
|            | 22          | ESMT22240 | 2.200" |            | 11          | ESMT11230 | 2.200" |            | 11          | ESMT11220 | 2.200" |
|            | 24          | ESMT24240 | 2.400" |            | 12          | ESMT12230 | 2.400" |            | 12          | ESMT12220 | 2.400" |
|            | 5mm Pitch   |           |        |            | 5mm Pitch   |           |        |            | 5mm Pitch   |           |        |
| Modules    | 4           | ESMT04140 | 10.2mm | Modules    | 2           | ESMT02130 | 10.2mm | Modules    | 2           | ESMT02120 | 10.2mm |
|            | 6           | ESMT06140 | 15.2mm |            | 3           | ESMT03130 | 15.2mm |            | 3           | ESMT03120 | 15.2mm |
| Assemblies | 8           | ESMT08140 | 20.3mm | Assemblies | 4           | ESMT04130 | 20.3mm | Assemblies | 4           | ESMT04120 | 20.3mm |
|            | 10          | ESMT10140 | 25.4mm |            | 5           | ESMT05130 | 25.4mm |            | 5           | ESMT05120 | 25.4mm |
|            | 12          | ESMT12140 | 30.5mm |            | 6           | ESMT06130 | 30.5mm |            | 6           | ESMT06120 | 30.5mm |
|            | 14          | ESMT14140 | 35.6mm |            | 7           | ESMT07130 | 35.6mm |            | 7           | ESMT07120 | 35.6mm |
|            | 16          | ESMT16140 | 40.6mm |            | 8           | ESMT08130 | 40.6mm |            | 8           | ESMT08120 | 40.6mm |
|            | 18          | ESMT18140 | 45.7mm |            | 9           | ESMT09130 | 45.7mm |            | 9           | ESMT09120 | 45.7mm |
|            | 20          | ESMT20140 | 50.8mm |            | 10          | ESMT10130 | 50.8mm |            | 10          | ESMT10120 | 50.8mm |
|            | 22          | ESMT22140 | 55.9mm |            | 11          | ESMT11130 | 55.9mm |            | 11          | ESMT11120 | 55.9mm |
|            | 24          | ESMT24140 | 61.0mm |            | 12          | ESMT12130 | 61.0mm |            | 12          | ESMT12120 | 61.0mm |

## MATERIALS:

**Housing:** Polyamide 6/6, UL 94V-0, black  
**Contact:** Copper alloy, tin-lead finish  
**Clamp Screw:** Copper alloy, nickel finish  
**Wire clamp:** Copper alloy, nickel finish

## INSTALLATION:

**Wire Range:** 12-30 AWG  
**Wire Strip Length:** .216-.256"  
**Recommended Tightening Torque:** 4.4 lb-in. (0.5N-m)  
**Hole Diameter:** .043 min.

**Amphenol Pcd**