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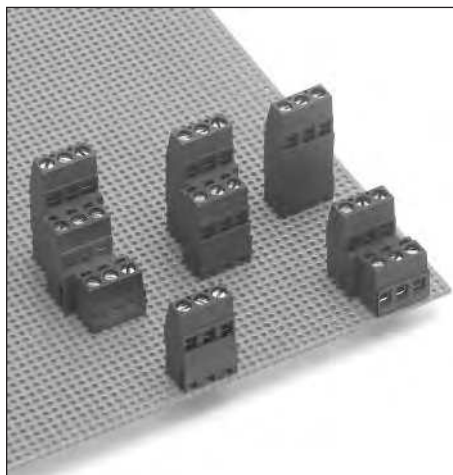
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**.200" (5.08mm)**  
**5.0mm (.197")**

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



## Enhanced Density

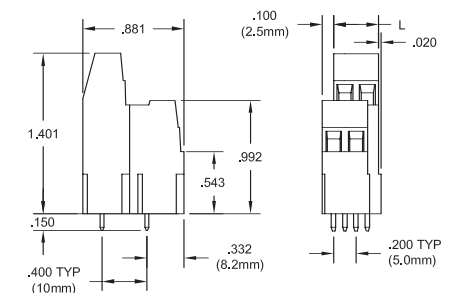
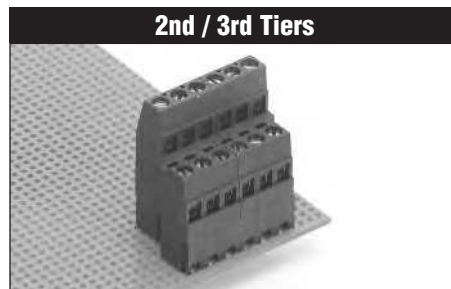
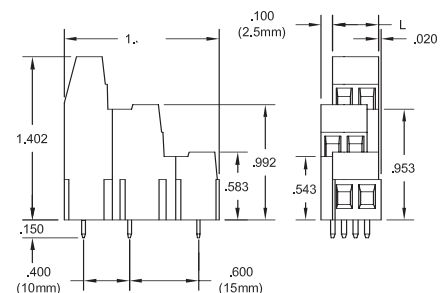
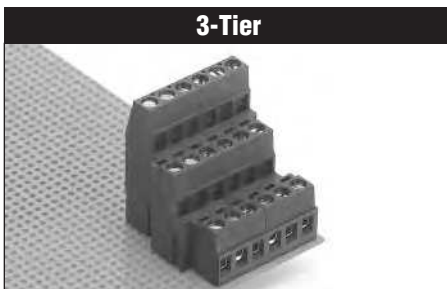
Multi-tier, .200"/5.0mm spacing terminal blocks are rated at 17.5A and provide enhanced board density as well as system flexibility. Moving cage clamp wire termination ensures high reliability.

## 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
	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
	24	ESMT24150	61.0mm

### APPROVALS:



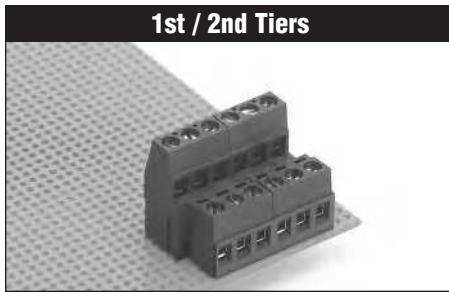
### SPECIFICATIONS:

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

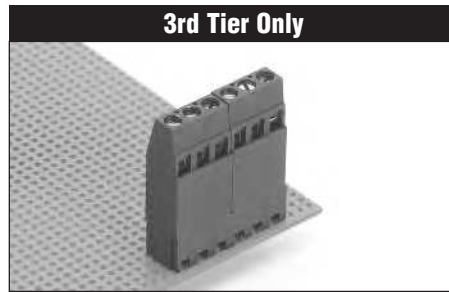
**Amphenol Pcd**

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

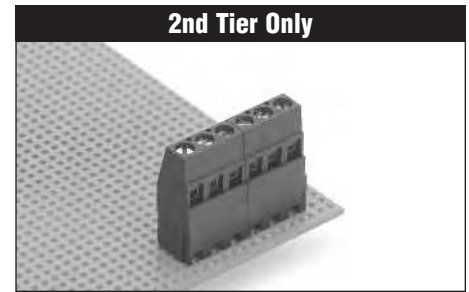
**.200" (5.08mm)**  
**5.0mm (.197")**



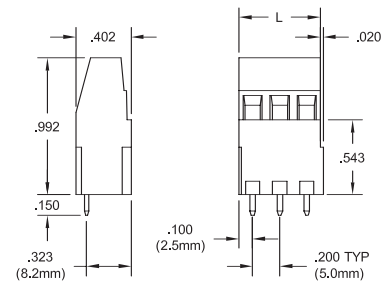
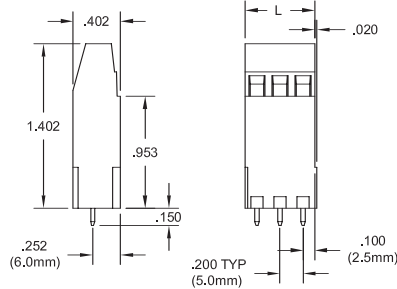
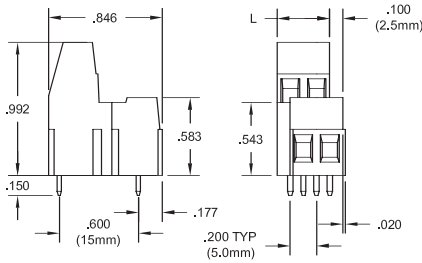
1st / 2nd Tiers



3rd Tier Only



2nd Tier Only



	Pos	Catalog #	L		Pos	Catalog #	L		Pos	Catalog #	L
	<b>.200" Pitch</b>				<b>.200" Pitch</b>				<b>.200" Pitch</b>		
<b>Modules</b>	4	ESMT04240	.400"	<b>Modules</b>	2	ESMT02230	.400"	<b>Modules</b>	2	ESMT02220	.400"
	6	ESMT06240	.600"		3	ESMT03230	.600"		3	ESMT03220	.600"
	8	ESMT08240	.800"		4	ESMT04230	.800"		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"
<b>Assemblies</b>	14	ESMT14240	1.400"	<b>Assemblies</b>	7	ESMT07230	1.400"	<b>Assemblies</b>	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"
	<b>5mm Pitch</b>				<b>5mm Pitch</b>				<b>5mm Pitch</b>		
<b>Modules</b>	4	ESMT04140	10.2mm	<b>Modules</b>	2	ESMT02130	10.2mm	<b>Modules</b>	2	ESMT02120	10.2mm
	6	ESMT06140	15.2mm		3	ESMT03130	15.2mm		3	ESMT03120	15.2mm
	8	ESMT08140	20.3mm		4	ESMT04130	20.3mm		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
<b>Assemblies</b>	14	ESMT14140	35.6mm	<b>Assemblies</b>	7	ESMT07130	35.6mm	<b>Assemblies</b>	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**