

**SPECIFICATIONS**

**Mechanical**

**Contact Retention Force:** 0.91 Kgf min.  
**Durability:** 500 Cycles

**Electrical**

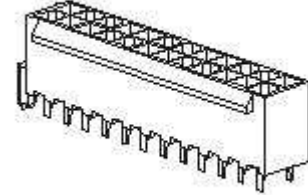
**Voltage Rating:** 250V  
**Current Rating:** 5.0A per contact min.  
**Dielectric Withstanding Voltage:** 1500V AC  
**Insulation Resistance:** 1000MΩ min.

**Physical**

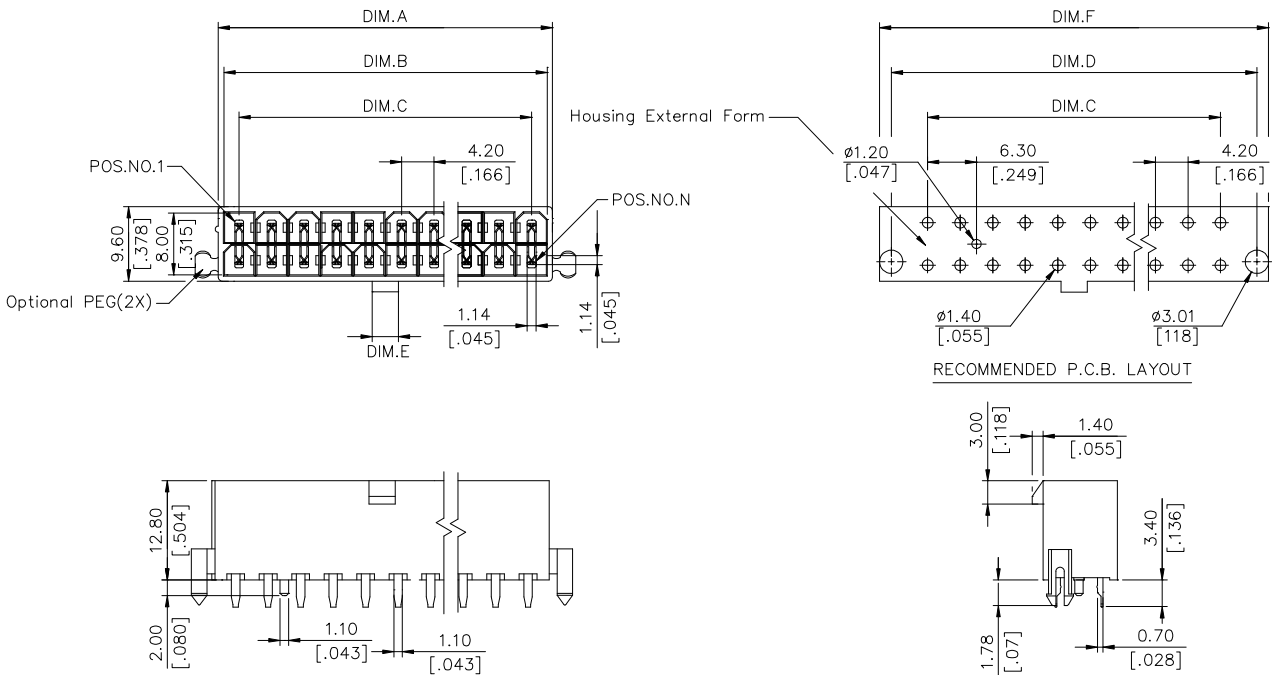
**Housing:** Thermoplastic, UL 94V-0 Rated in Ivory Color  
**Contact:** Copper alloy  
**Plating:** See "ORDERING INFORMATION"  
**Operating Temperature:** -45°C to +105°C

**Power Connector**

**HM16 Series**  
**Vertical, T/H Type**  
**4.2mm [.165"] Pitch**



**DRAWING**



**ORDERING INFORMATION**

PRODUCT NO.: **HM16\*\*\*\*-\*\*\*\*-\*\*\***

Header Series  
 Power Type  
 Termination & Contact Type  
 No. Of Single Row Pos  
 02=4 Pos  
 03=6 Pos  
 -/-  
 12=24 Pos  
 Plating Code  
 0=100µ Min. Matte Tin  
 1=Gold Flash Plating  
 7=15µ Gold Plating  
 Housing Color  
 A:Nature  
 B:Black  
 C:Light Blue

Rohs Code  
 F:RoHS Product  
 H:RoHS & Halogen Free  
 Package Type  
 0=None  
 1=Hard Tray  
 2=Hard Tray Pj Film  
 3=Hard Tray Cap  
 4=Soft Tray  
 Peg&Pin Option See Figure Below  
 Modification Code  
 S: Standard Product, Dim.E=3.40  
 E: Width Latch, Dim.E=Dim.C  
 K: Width Latch, Dim.E=7.60  
 F: Dim.E=24.30;Housing Covered Whit Cap  
 D: Dim.E=24.30;Housing Covered Whitout Cap  
 M: Chamfer Type II  
 N: Chamfer Type III

PART NO.	NO. OF POSE	DIM. A	DIM. B	DIM. C	DIM. D	DIM. F
HM16****-****-**	12/24	51.6 [2.031]	50.00 [1.969]	46.20 [1.819]	55.60 [2.189]	57.60 [2.268]
HM16****-****-**	11/22	47.4 [1.867]	45.80 [1.803]	42.00 [1.654]	51.40 [2.024]	53.40 [2.102]
HM16****-****-**	10/20	43.2 [1.701]	41.60 [1.638]	37.80 [1.488]	47.20 [1.858]	49.20 [1.937]
HM16****-****-**	9/18	39.0 [1.535]	37.40 [1.472]	33.60 [1.323]	43.00 [1.693]	45.00 [1.772]
HM16****-****-**	8/16	34.8 [1.371]	33.20 [1.307]	29.40 [1.157]	38.80 [1.517]	40.80 [1.606]
HM16****-****-**	7/14	30.6 [1.205]	29.00 [1.142]	25.20 [992]	34.60 [1.528]	36.60 [1.441]
HM16****-****-**	6/12	26.4 [1.039]	24.80 [976]	21.00 [827]	30.40 [1.197]	32.40 [1.276]
HM16****-****-**	5/10	22.2 [874]	20.60 [811]	16.80 [661]	26.20 [1.031]	28.20 [1.110]
HM16****-****-**	4/8	18.0 [709]	16.40 [646]	12.60 [496]	22.00 [866]	24.00 [945]
HM16****-****-**	3/6	13.8 [543]	12.20 [480]	8.40 [331]	17.80 [701]	19.80 [780]
HM16****-****-**	2/4	9.6 [378]	8.00 [315]	4.20 [1653]	13.60 [535]	15.60 [614]

FIGURE:

CODE	DESCRIPTION			
	PEG	PEG WIDTH	POST	PIN MISSING
P1	PEG #1	3.50mm	NONE	FULL PIN
P2	PEG #1 & PEG #2	3.50mm	NONE	FULL PIN
P4	PEG #1 & PEG #2	3.20mm	NONE	FULL PIN
P5	PEG #1 & PEG #2	3.00mm	NONE	FULL PIN
P6	PEG #1	3.00mm	NONE	FULL PIN
S1	PEG #2	3.50mm	NONE	19th PIN OMITTED
S2	PEG #1 & PEG #2	3.50mm	NONE	19th PIN OMITTED
S6	PEG #1 & PEG #2	3.50mm	NONE	1st, 2nd&11st PINS OMITTED
S7	PEG #2	3.50mm	NONE	FULL PIN
S9	PEG #1	3.50mm	NONE	1th PIN OMITTED