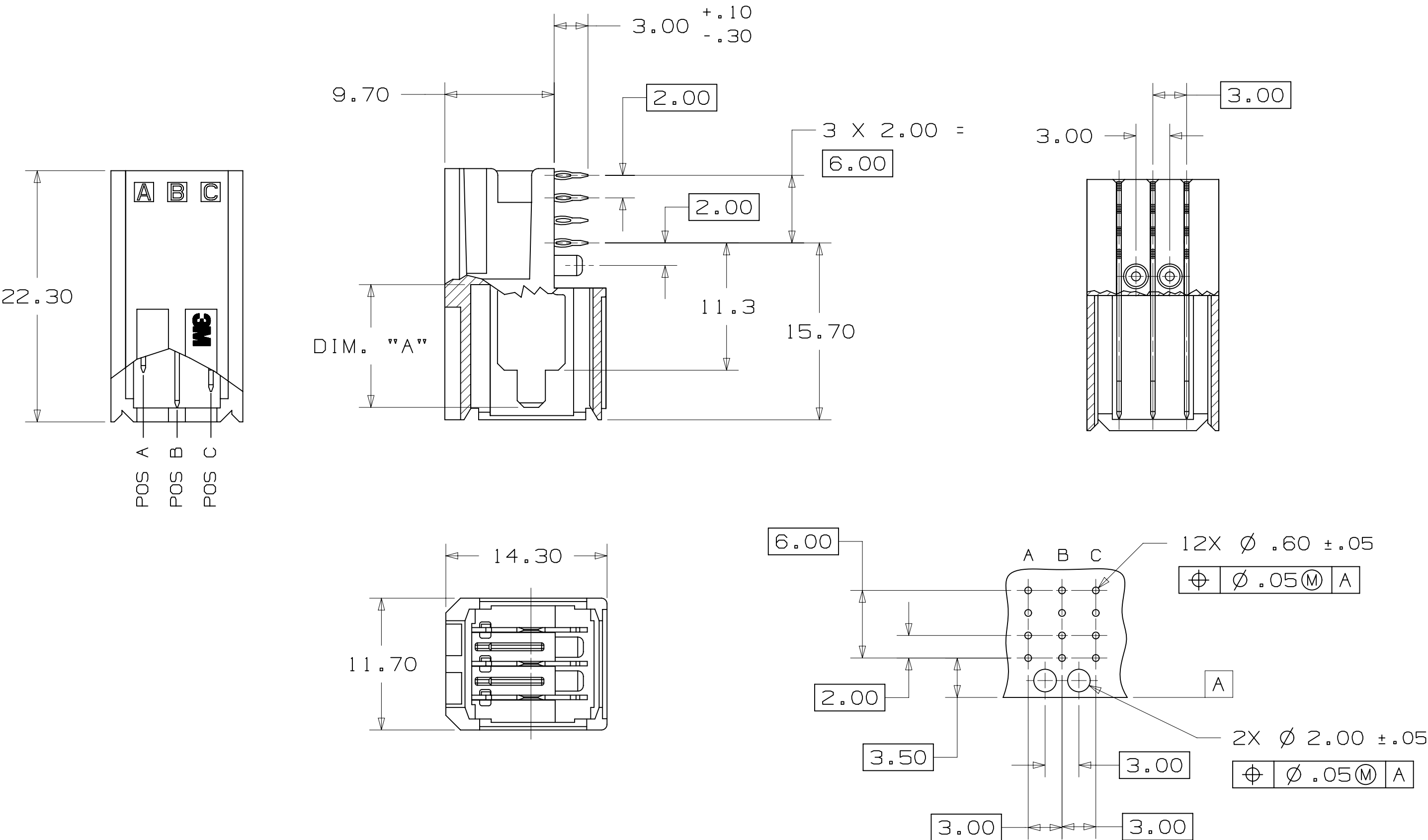


3M™ POWER RIGHT ANGLE HEADER MODULE
FOR HARD METRIC APPLICATIONS



PCB LAYOUT

PART DESCRIPTION	BLADE POS. HEIGHT		
	DIM. "A"		
	POS A	POS B	POS C
HM-PWR-HDR-01-LR	10.9	10.9	10.9
HM-PWR-HDR-02-LR	9.3	10.9	9.3
HM-PWR-HDR-03-LR	9.3	10.9	7.6
HM-PWR-HDR-04-LR	9.3	7.6	9.3
HM-PWR-HDR-05-LR	10.9	9.3	7.6
HM-PWR-HDR-06-LR	9.3	9.3	7.6
HM-PWR-HDR-07-LR	7.6	7.6	10.9
HM-PWR-HDR-08-LR	7.6	9.3	10.9
HM-PWR-HDR-09-LR	10.9	9.3	10.9
HM-PWR-HDR-10-LR	7.6	7.6	7.6
HM-PWR-HDR-11-LR	10.9	9.3	9.3
HM-PWR-HDR-12-LR	9.3	7.6	10.9
HM-PWR-HDR-13-LR	10.9	9.3	9.3

3M™ ELECTRONIC SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
<http://www.3mconnectors.com>

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INFORMATION CALL 800-225-5373

NOTES

1. MATERIAL:
INSULATOR: GLASS FILLED THERMOPLASTIC (PBT) UL94V-0
CONTACTS: COPPER ALLOY.
2. PLATING -LR:
CONTACT AREA: .08μm MIN Au OVER .69μm MIN PdNi
TAIL AREA: 2.54μm MAX MATTE Sn
UNDERCOAT: 1.27μm MIN Ni.
3. REGULATORY INFORMATION:
ROHS COMPLIANT. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF WWW.3MCONNECTORS.COM FOR COMPLIANCE INFORMATION (RIA E1 & C1 APPLY)
4. ELECTRICAL PERFORMANCE:
TEMPERATURE RANGE: -55° C TO +125° C
VOLTAGE: 1000 VAC rms
CURRENT RATING: ALL LINES DRIVERS
9.0 AMPS @ 20° C
7.0 AMPS @ 70° C
4.5 AMPS @ 100° C
5. IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT.
6. PART NUMBER: SEE TABLE
7. FOR MATING PRODUCT USE:
HM-PWR-SCK-01-XX POWER SOCKET CONNECTOR.
8. PCB THICKNESS: 1.40mm MINIMUM.

D	40633	MAY 11, 2012	JNC	TS
C	36370	SEP 16, 2011	MWL	TS
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DRFT	ML	DATE JAN 17, 2011	MFG	DATE
CHKD		DATE	APPVL	DATE JAN 17, 2011
3M 3M Center St. Paul, MN 55144				
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TITLE HM-PWR-HDR-XX-XX, POWER RIGHT ANGLE HEADER MODULE				
CAGE NUMBER	SIZE	DRAWING NO.	REV.	
	C	78-5100-2381-1	D	
MODEL	DET.	LISTS	YES	NO
				SHT 1 OF 1

Mouser Electronics

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3M:

[HM-PWR-HDR-02-LR](#)