



A

B

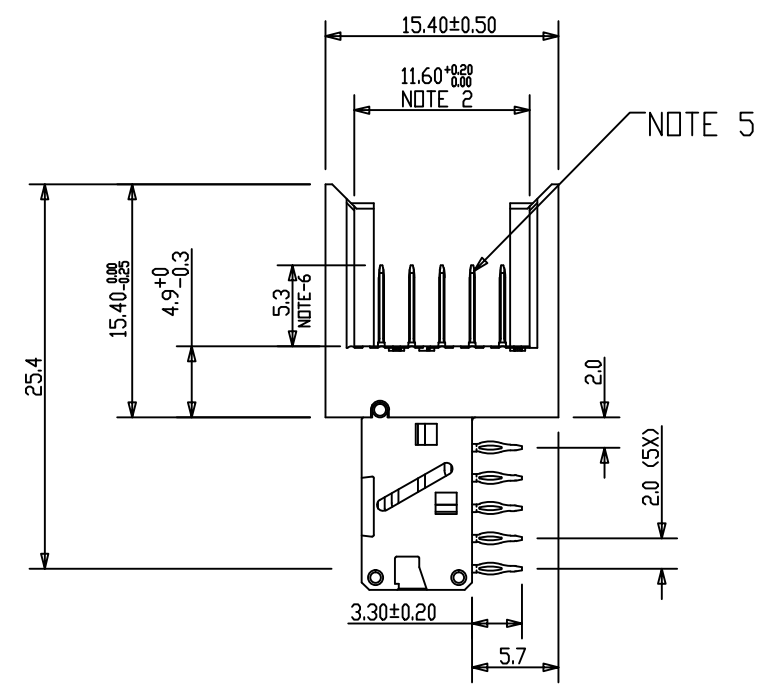
C

D

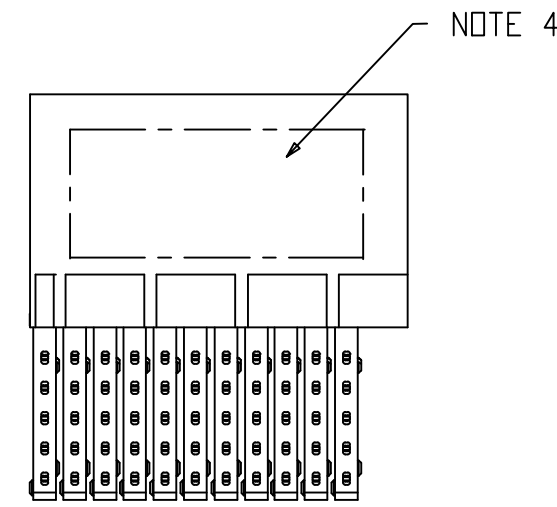
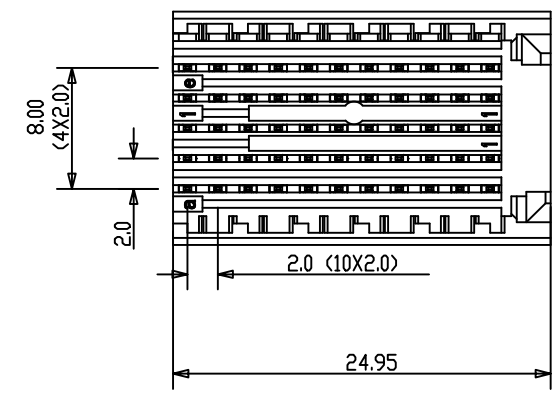
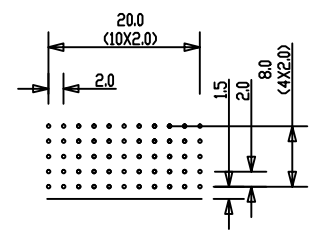
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PCB HOLE LAY-OUT



PERFORMANCE CHARACTERISTICS :

CURRENT RATING : 1.5A AT 20°C (FULLY LOADED)
1A AT 70°C (FULLY LOADED)
RATED VOLTAGE : 500V AC (CONT / CONT)
OPERATING TEMPERATURE : -55°C TO 125°C
CONTACT RESISTANCE : 25mΩ MAX.
INSERTION FORCE : 0.75 N MAX / CONT
EXTRACTION FORCE : 0.15 N MIN / CONT
INSULATION RESISTANCE : 10⁴ MΩ MIN.

NOTES :

- 1. UL APPROVED WITH USR AND CNR.
- 2. MEASURED AT THE BOTTOM.
- 3. MATERIAL CONTACT : PHOSPHORBRONZE.
HOUSING : LCP 30% GLASS-FILLED.
- 4. CONNECTOR PRINTED WITH P/N AND DATE CODES.
- 5. FOR ACTUAL CONTACT LOADINGS, SEE LOADING PATTERN MATING SIDE.)
- 6. 4 = LEVEL 1 (5.30)
5 = LEVEL 2 (6.80)
6 = LEVEL 3 (8.30)
- 7. 'HM2J09PEA310' LEAD FREE INDICATOR : LF = LEAD FREE
PERFORMANCE LEVEL INDICATOR (Ref DWG No BS,C ,201844,003)
- 8. FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS,A ,201572,001
- 9. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004

LOADING PATTERN : MATING SIDE

F	0	0	0	0	0	0	0	0	0	0	0
E	5	5	5	5	5	5	5	5	5	5	5
D	4	5	5	5	5	5	5	5	5	5	4
C	5	5	5	5	5	5	5	5	5	5	5
B	5	5	5	5	5	5	5	5	5	5	5
A	5	5	5	5	5	5	5	5	5	5	5
Z	0	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	10	11

CATALOG NO: HM2J09PEA310-----

mat'l. code SEE_NOTE_3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection MM		product family MILLIPACS											
ltr	ecn no	dr	date	tolerances unless otherwise specified						title MPACS RA HDR TYPE C (NON-SHIELDED).											
A	115-0020	AKA	2015-29-10	angles 0°±1°	linear	.0±0.2															
						.00±0.1															
						.000±0.05															
				dr	ARJUN K A	2015-29-10															
				enr	ARJUN K A	2015-29-10															
				chr	ALEX BABU	2015-29-10															
				appd	BIJU K PAUL	2015-29-10															
sheet index		revision sheet		A	1																

Mouser Electronics

Authorized Distributor

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