

PERFORMANCE CHARACTERISTICS :

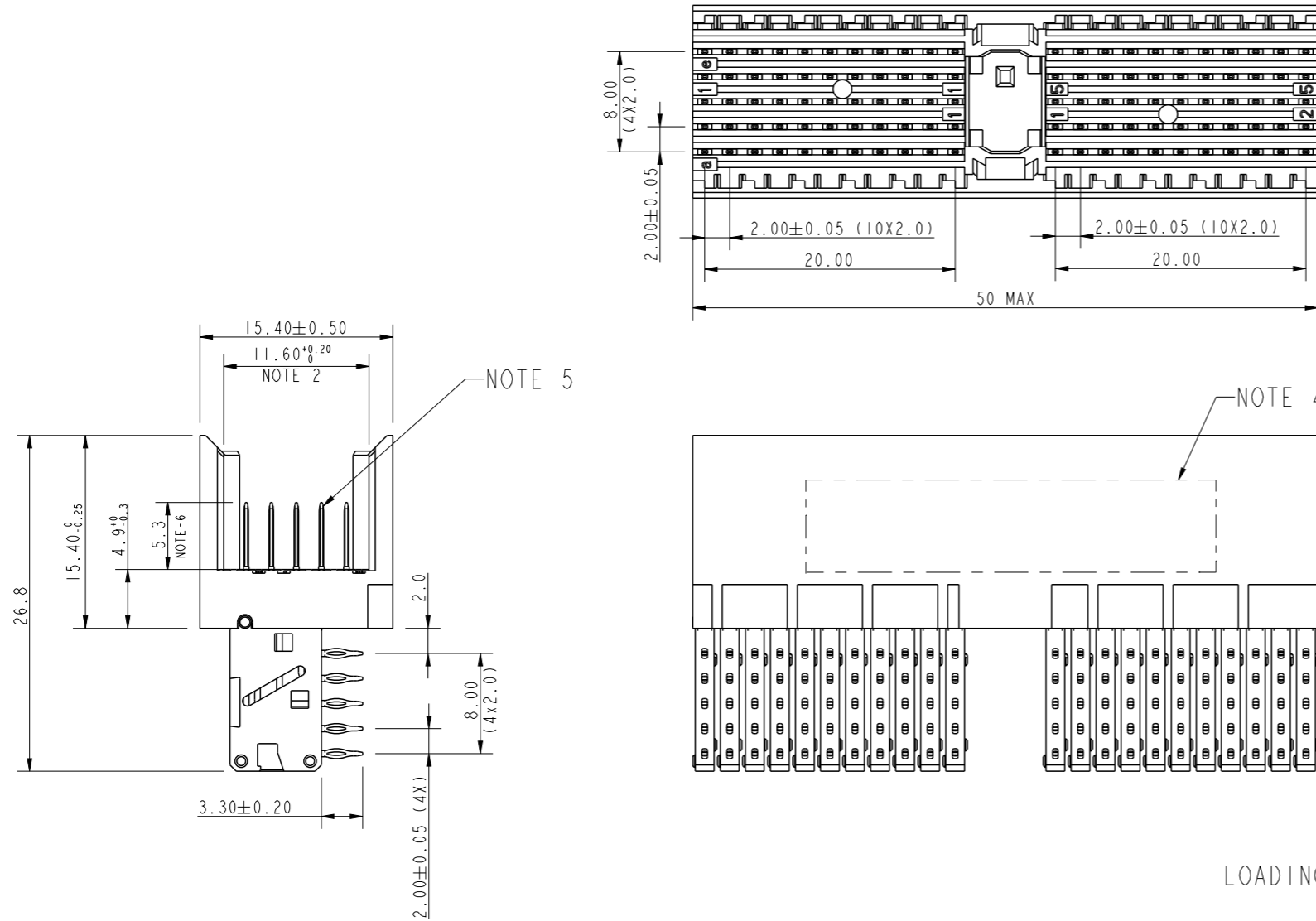
CURRENT RATING : 1.5A AT 20°C (FULLY LOADED)
 1A AT 70°C (FULLY LOADED)
 RATED VOLTAGE : 500V AC (CONT / CONT)
 OPERATING TEMPERATURE : -55°C TO 125°C
 CONTACT RESISTANCE : 25mΩ MAX.
 INSERTION FORCE : 0.75 N MAX / CONT
 EXTRACTION FORCE : 0.15 N MIN / CONT
 INSULATION RESISTANCE : 10⁴ MΩ MIN.

NOTES :

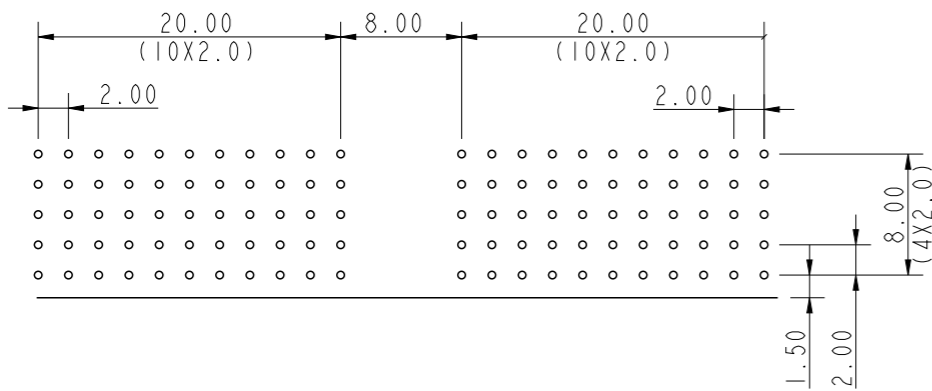
1. UL APPROVED WITH USR AND CNR.
2. MEASURED AT THE BOTTOM.
3. MATERIAL CONTACT : PHOSPHORBRONZE.
HOUSING : LCP 30% GLASS-FILLED.
4. CONNECTOR PRINTED WITH P/N AND DATE CODES.
5. FOR ACTUAL CONTACT LOADINGS, SEE LOADING PATTERN MATING SIDE.)
6. 4 = LEVEL 1 (5.30)
5 = LEVEL 2 (6.80)
6 = LEVEL 3 (8.30)
7. 'HM2J07PE5110--' LEAD FREE INDICATOR : LF = LEAD FREE
8. PERFORMANCE LEVEL INDICATOR (Ref DWG No BS,C ,201844,003)
9. FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS,A ,201572,001
9. THIS PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004

LOADING PATTERN : MATING SIDE

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| F | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| E | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | X | X | X | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| D | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | X | X | X | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| C | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | X | X | X | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| B | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | X | X | X | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| A | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | X | X | X | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| Z | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



PCB HOLE LAY-OUT



| | | | | | | | | | | | | |
|---------------|---------------------|---------------------------------------|---------------|--------------------------------------|----------------|-----------|-----------|---------------|--------------|------------------|------------------------|--------------|
| spec ref | - | dr | P-Mathew Nebu | 2011/05/24 | projection | | size | A3 | scale | 1/1 | | |
| tolerance std | ISO 406 ISO 1101 | eng | Alex Babu | 2019/07/22 | mm | | ecn no | ELX-I-26926-1 | | | | |
| surface | linear | TOLERANCES UNLESS OTHERWISE SPECIFIED | 0.X | ±0.2 | product family | MILLIPACS | rel level | Released | cat. no. | HM2J07PE5110---- | Product - Customer Drw | sheet 1 of 1 |
| | | | 0.XX | ±0.1 | | | | | | | | |
| | angular | | 0° | ±1° | | | | | | | | |
| | | Amphenol FCI | | MPACS RA HDR Type A, Non Shielded | | | dwg no | | BSC202767008 | | rev H | |