



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 :

- UL APPROVED WITH USR AND CNR.
- MEASURED AT THE BOTTOM.
- MATERIAL CONTACT : PHOSPHORBRONZE.
HOUSING : LCP 30% GLASS-FILLED.
- CONNECTOR PRINTED WITH P/N AND DATE CODES.
- FOR ACTUAL CONTACT LOADINGS, SEE LOADING PATTERN MATING SIDE.)
- 4 = LEVEL 1 (5.30)
5 = LEVEL 2 (6.80)
6 = LEVEL 3 (8.30)

- 'HM2J09PE5IN8' LEAD FREE INDICATOR : LF = LEAD FREE
 PERFORMANCE LEVEL INDICATOR (Ref DWG No BS,C , 201844,003)
- FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS,A , 201572,001
- THIS PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004

LOADING PATTERN : MATING SIDE

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

| | | | | | | | | | | |
|---------------------------------------|---------------------|-------|----------------|---------------------------|----------------|-----------|--------------|---------------|------------------|------------------------|
| spec ref | - | dr | P-Mathew Nebu | 2011/05/25 | projection | mm | size | A3 | scale | 1/1 |
| tolerance std | ISO 406 ISO 1101 | eng | Alex Babu | 2019/11/11 | | | ecn no | ELX-I-26926-1 | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | chr | - | - | | | rel level | Released | | |
| surface | linear | appr | Kuriakose, San | 2019/11/12 | product family | MILLIPACS | | cat. no. | HM2J09PE5IN8---- | Product - Customer Drw |
| | angular | | | | | | | | | |
| | 0.X | ±0.2 | | MPACS RA HDR | | dwg no | BSC202767049 | | rev | D |
| | 0.XX | ±0.1 | | type C, shielded, general | | | | | | |
| | 0.XXX | ±0.05 | | | | | | | | |
| | 0° | ±1° | | | | | | | | |
| sheet 1 of 1 | | | | | | | | | | |