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PERFORMANCE CHARACTERISTICS :

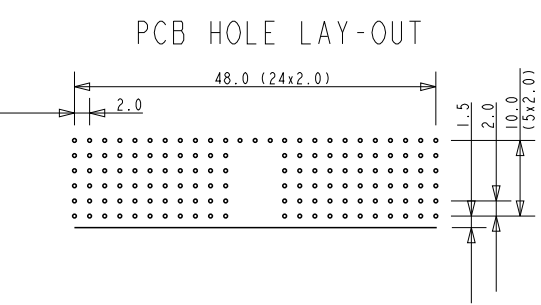
CURRENT RATING : 1.5A AT 20°C (FULLY LOADED)
1A AT 70°C (FULLY LOADED)
RATED VOLTAGE : 500V AC (CONT / CONT)
OPERATING TEMPERATURE : -55°C TO 125°C
CONTACT RESISTANCE : 25mΩ MAX.
INSERTION FORCE : 0.75 N MAX / CONT
EXTRACTION FORCE : 0.15 N MIN / CONT
INSULATION RESISTANCE : 10⁴ MΩ MIN.

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. 'HM2J07PE5IA8' 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 (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

LOADING PATTERN : MATING SIDE

F	6	6	6	6	6	6	6	6	6	6	X	X	X	6	6	6	6	6	6	6	6	6	6	6	6
E	5	5	4	5	5	5	4	6	5	6	5	X	X	X	5	6	5	6	5	4	5	5	5	5	5
D	5	5	4	5	5	5	4	6	5	6	5	X	X	X	5	6	5	6	5	4	5	5	5	5	5
C	5	5	4	5	5	5	4	6	6	6	6	X	X	X	6	6	6	6	5	4	5	5	5	5	5
B	5	5	4	5	5	5	4	5	5	5	5	X	X	X	5	5	5	5	5	4	5	5	5	5	5
A	5	5	4	5	5	5	4	6	5	6	5	X	X	X	5	6	5	6	5	4	5	5	5	5	5
Z	0	0	0	0	0	0	0	0	0	0	0	X	X	X	0	0	0	0	0	0	0	0	0	0	0
	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



rev	ecn no	dr	date
A	106-0065	AB	2006-06-03
B	106-0107	AB	2006-07-15
C	108-0050	AB	2008-04-24
D	110-0098	GT	2010-04-19
E	111-0044	GT	2011-02-28
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surface - ☒ ISO 1302 tolerance std ISO 406 ISO 1101

TOLERANCES UNLESS OTHERWISE SPECIFIED

Dr ALEX B 2006-06-03 Eng ALEX B 2006-06-03 Chr ALEX B 2008-04-24 Appr ALEX B 2008-04-24

ANGULAR 0° ±1° LINEAR 0.X ±0.2 0.XX ±0.1 0.XXX ±0.05

Product family MILLIPACS Spec ref -

FCI MPACS RA HDR type A, shielded, general catalog no HM2J07PE5IA8----

dwg no BSC202767039

Rev. E

projection mm

size A3 Scale 1/1

ECN 111-0044

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