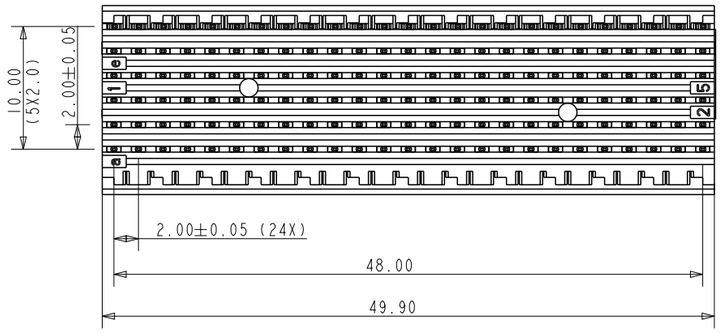
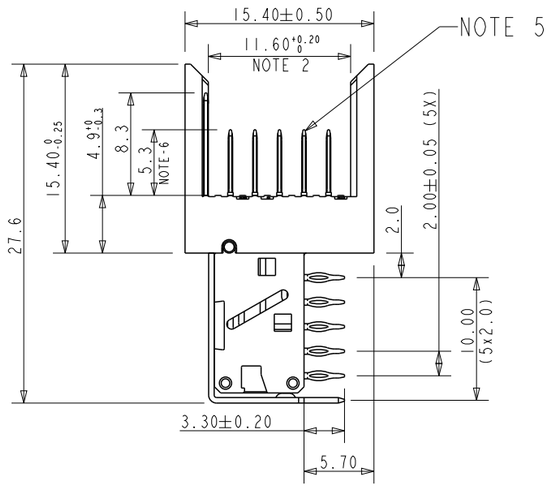
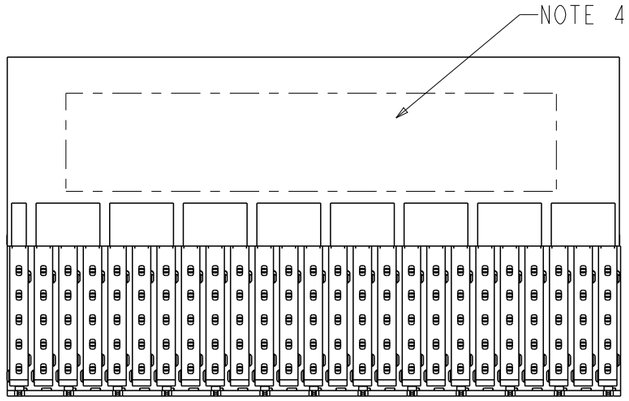






PERFORMANCE CHARACTERISTICS :

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 : 10^4 MΩ MIN.

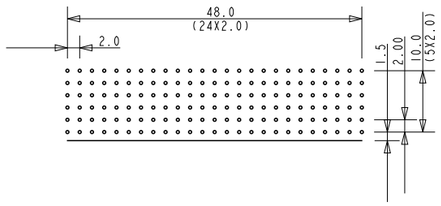
NOTES :

1. UL APPROVED WITH USR AND CNR APPROVAL.
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. 'HM2J08PE5118-----'
   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	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
E	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
A	4	4	4	4	4	4	4	4	4	4	4	4	4	4	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	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



ltr	ecn no	dr	date
A	CON R 00	GNY	2002-08-27
B	EC B20190	MF	2002-11-20
C	105-0108	AB	2005-06-30
D	106-0107	AB	2006-07-11
E	108-0050	AB	2008-04-10
F	110-0098	GT	2010-04-19
G	111-0044	GT	2011-02-28

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surface - ISO 1302

tolerance std ISO 406 ISO 1101

TOLERANCES UNLESS OTHERWISE SPECIFIED

projection

mm

Dr	N.Otto	2000-04-28	ANGULAR	LINEAR	0.X	±0.2	size A3
Eng	N.Otto	2000-04-28			0.XX	±0.1	Scale 1/1
Chr	Alex Babu	2008-04-10	0° ±1°		0.XXX	±0.05	ECN 111-0044
Appr	Alex Babu	2008-04-10	Product family MILLIPACS				Spec ref -

title MPACS RA HDR

dwg no BSC202767002

Rev. G

catalog no HM2J08PE5118----

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sheet 1 of 1

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REV F - 2006-04-17

PDM: Rev:G STATUS:Released Printed: Mar 19, 2011