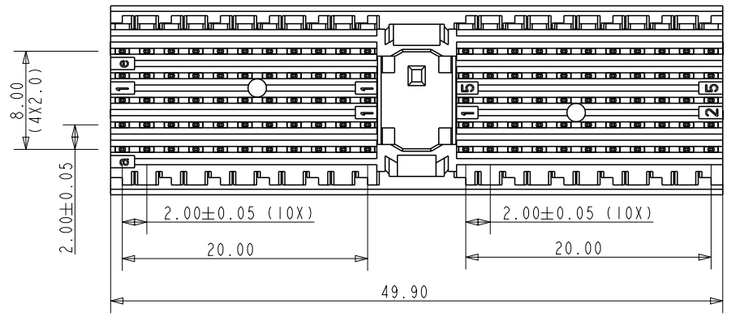
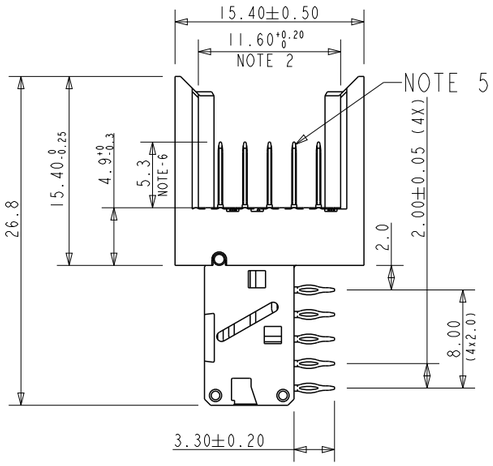
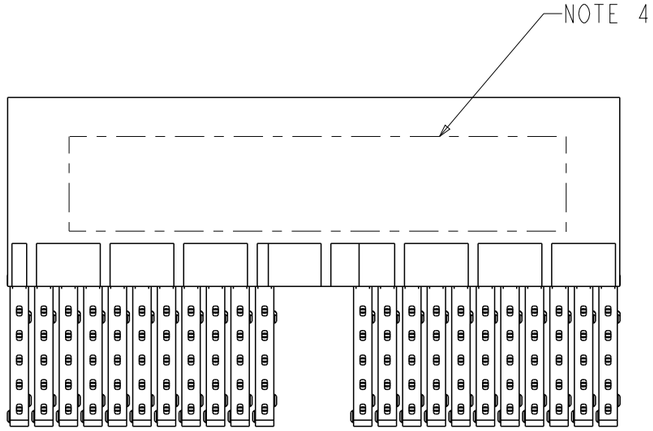






PERFORMANCE CHARACTERISTICS :

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 : 10^4MΩ MIN.

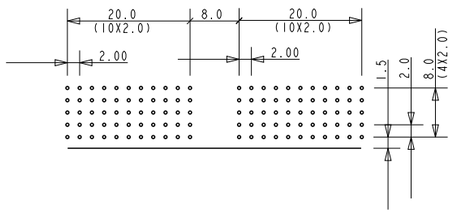
NOTES :

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. 'HM2J07PE---0__-__'
   - 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	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
E	5	5	5	5	5	5	5	5	5	5	5	X	X	X	5	5	5	5	5	5	5	5	5	5	5
D	5	5	5	5	5	5	5	5	5	5	5	X	X	X	5	5	5	5	5	5	5	5	5	5	5
C	5	5	5	5	5	5	5	5	5	5	5	X	X	X	6	5	5	5	5	5	5	5	5	5	5
B	5	5	5	5	5	5	5	5	5	5	5	X	X	X	5	5	5	5	5	5	5	5	5	5	5
A	5	5	5	5	5	5	5	5	5	5	5	X	X	X	6	5	5	5	5	5	5	5	5	5	5
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



rev	ecn no	dr	date
A	110-0008	GT	2010-01-06
B	110-0098	GT	2010-04-19
C	111-0044	GT	2011-02-28
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com	surface ISO 1302	tolerance std ISO 406 ISO 1101	projection	mm		
	TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr George Thomas 2010-01-06	ANGULAR	LINEAR	0.X	±0.2	size A3	Scale 1/1
Eng George Thomas 2010-01-06			0.XX	±0.1		
Chr Alex Babu 2010-01-06	0°	±1°	0.XXX	±0.05	ECN 111-0044	
Appr Alex Babu 2010-01-06	Product family MILLIPACS				Spec ref -	

title	MPACS RA HDR type A, not shielded, general	dwg no BSC202767046	Rev. C
catalog no	HM2J07PE51K0----	CUSTOMER COPY	sheet 1 of 1

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REV F - 2006-04-17

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