

1

2

3

4

A

B

C

D

A

B

C

D

PERFORMANCE CHARACTERISTICS :

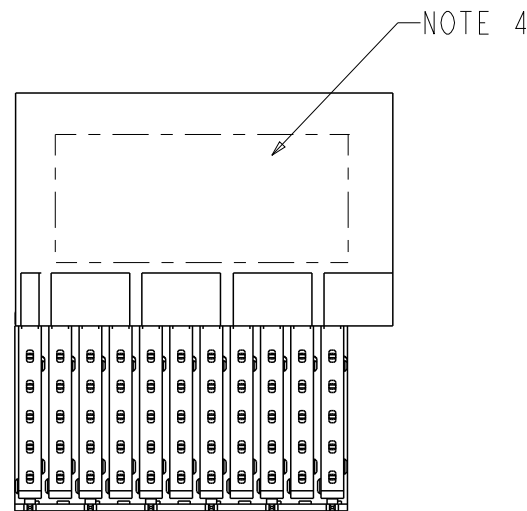
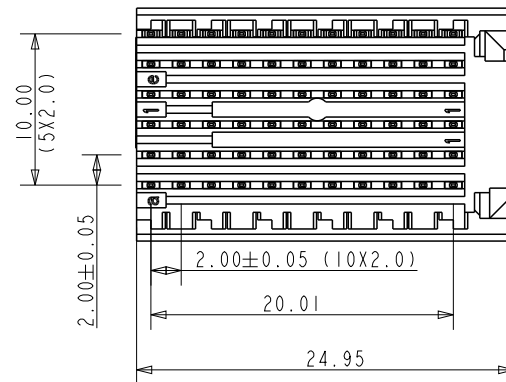
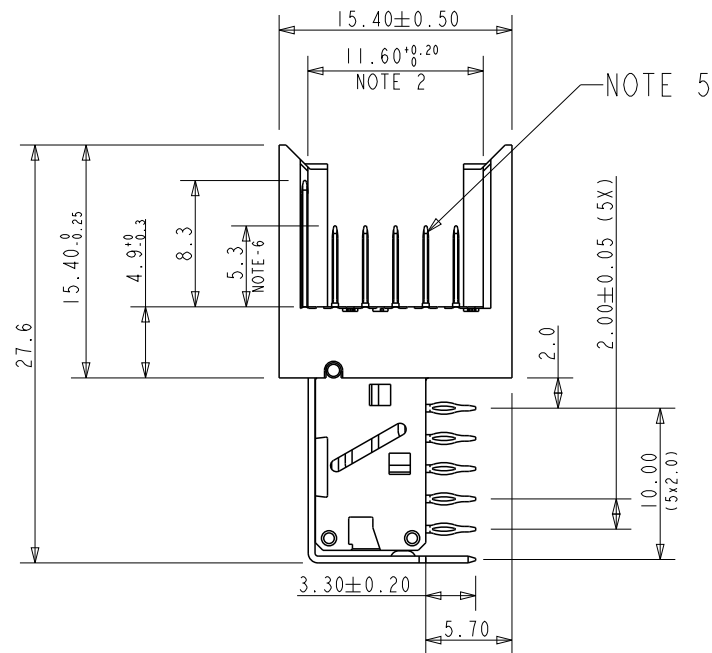
CURRENT RATING : 1.5A AT 20°C (FULLY LOADED)
1A AT 70°C (FULLY LOADED)
RATED VOLTAGE : 500V AC (CONT / CONT)
OPERATING TEMPERATURE : -55°C TO 125°C
CONTACT RESISTANCE : 25mΩ MAX.
INSERTION FORCE : 0.75 N MAX / CONT
EXTRACTION FORCE : 0.15 N MIN / CONT
INSULATION RESISTANCE : 10⁴ MΩ MIN.

NOTES :

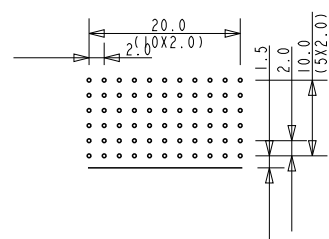
1. UL APPROVED WITH USR AND CNR.
2. MEASURED AT THE BOTTOM.
3. MATERIAL CONTACT : PHOSPHORBRONZE.
HOUSING : LCP 30% GLASS-FILLED.
4. CONNECTOR PRINTED WITH P/N AND DATE CODES.
5. FOR ACTUAL CONTACT LOADINGS, SEE LOADING PATTERN MATING SIDE.)
6. 4 = LEVEL 1 (5.30)
5 = LEVEL 2 (6.80)
6 = LEVEL 3 (8.30)
7. 'HM2J09PE5168' 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
E	5	5	6	4	4	4	4	4	4	6
D	5	5	6	4	4	4	4	4	4	6
C	5	5	6	4	4	4	4	4	4	6
B	5	5	5	4	4	4	4	4	4	5
A	5	5	6	4	4	4	4	4	4	6
Z	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	10



PCB HOLE LAY-OUT



rev	ecn no	dr	date
A	105-0129	AB	2005-08-01
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
-	-	-	-
-	-	-	-

www.fciconnect.com			surface - ✓ ISO 1302		tolerance std ISO 406 ISO 1101		projection 	mm 
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	Alex Babu	2005-08-01	ANGULAR	LINEAR	0.X	±0.2	size	Scale
Eng	Alex Babu	2005-08-01			0.XX	±0.1	A3	1/1
Chr	Alex Babu	2008-04-24			0.XXX	±0.05	ECN	111-0044
Appr	Alex Babu	2008-04-24	Product family MILLIPACS				Spec ref	-
		title MPACS RA HDR				dwg no BSC202767033		Rev.
		type C, shielded, general						E
		catalog no		HM2J09PE5168----		CUSTOMER COPY		sheet 1 of 1

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