

A

B

C

D

A

B

C

D

PERFORMANCE CHARACTERISTICS :

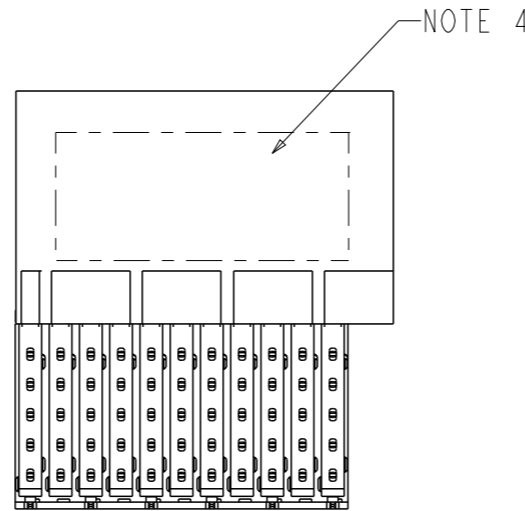
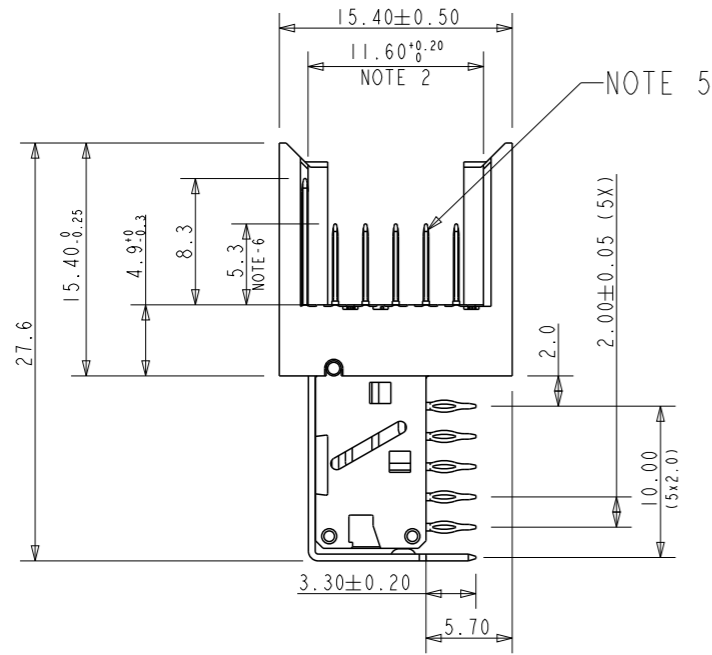
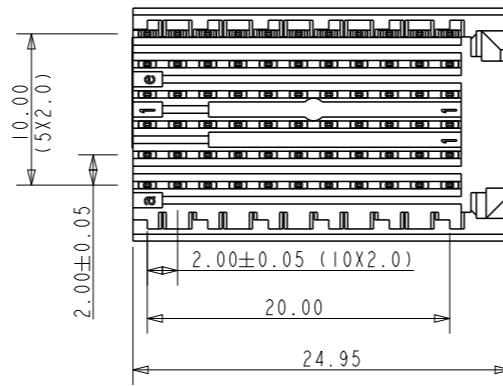
CURRENT RATING : 1.5A AT 20°C (FULLY LOADED)
 1A AT 70°C (FULLY LOADED)
 RATED VOLTAGE : 500V AC (CONT / CONT)
 OPERATING TEMPERATURE : -55°C TO 125°C
 CONTACT RESISTANCE : 25mΩ MAX.
 INSERTION FORCE : 0.75 N MAX / CONT
 EXTRACTION FORCE : 0.15 N MIN / CONT
 INSULATION RESISTANCE : 10⁴ MΩ MIN.

NOTES :

- 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)

LEAD FREE INDICATOR : LF = LEAD FREE

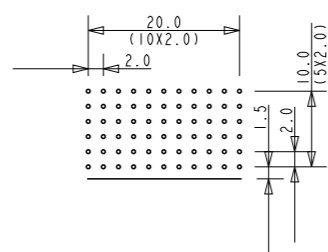
- 'HM2J09PE51R8' PERFORMANCE LEVEL INDICATOR (Ref DWG No BS,C ,201844,003)
- FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS,A ,201572,001
- THIS PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008



LOADING PATTERN : MATING SIDE

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

PCB HOLE LAY-OUT



rev	ecn no	dr	date
A	110-0153	GT	2010-07-28
B	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 T	2010-07-28	ANGULAR	size A3
Eng	Alex Babu	2010-07-28	LINEAR	Scale 1/1
Chr	Alex Babu	2010-07-28	0° ±1°	ECN 111-0044
Appr	Biju K Paul	2010-07-28	Product family	MILLIPACS Spec ref -
FCi		MPACS RA HDR		dwg no BSC202767052
		type C, shielded, general		Rev. B
		catalog no	HM2J09PE51R8----	CUSTOMER COPY sheet 1 of 1



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