

1

2

3

4

A

B

C

D

A

B

C

D

PERFORMANCE CHARACTERISTICS :

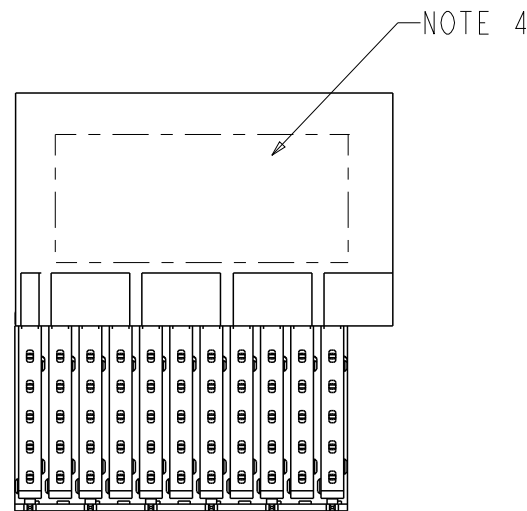
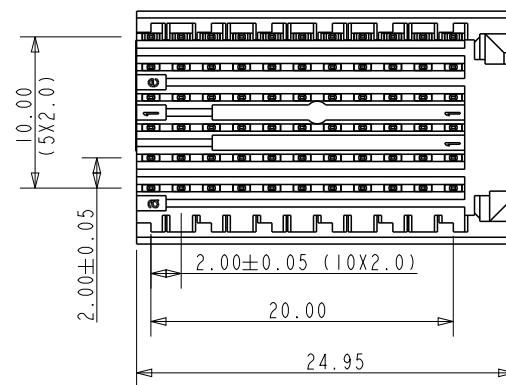
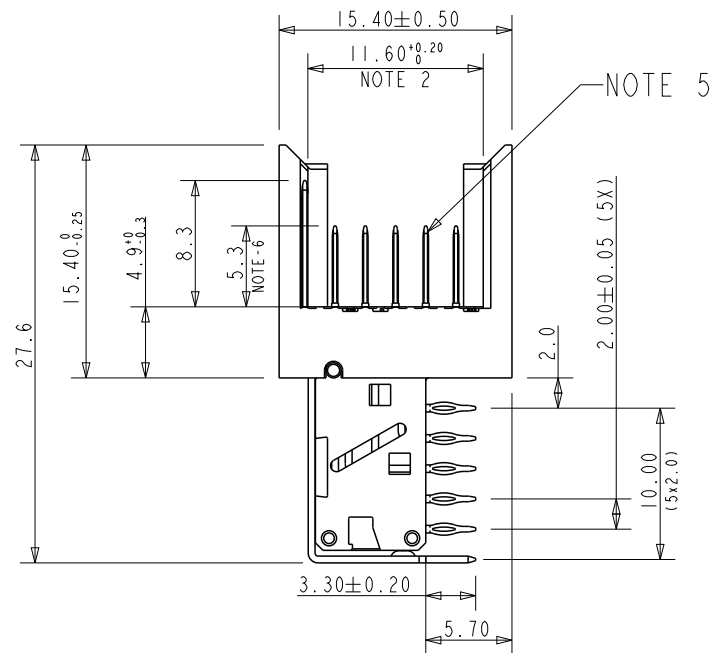
CURRENT RATING : 1.5A AT 20°C (FULLY LOADED)
1A AT 70°C (FULLY LOADED)
RATED VOLTAGE : 500V AC (CONT / CONT)
OPERATING TEMPERATURE : -55°C TO 125°C
CONTACT RESISTANCE : 25mΩ MAX.
INSERTION FORCE : 0.75 N MAX / CONT
EXTRACTION FORCE : 0.15 N MIN / CONT
INSULATION RESISTANCE : 10⁴ MΩ MIN.

NOTES :

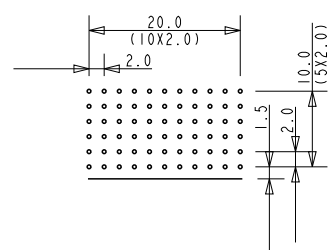
1. UL APPROVED WITH USR AND CNR.
2. MEASURED AT THE BOTTOM.
3. MATERIAL CONTACT : PHOSPHORBRONZE.
HOUSING : LCP 30% GLASS-FILLED.
4. CONNECTOR PRINTED WITH P/N AND DATE CODES.
5. FOR ACTUAL CONTACT LOADINGS, SEE LOADING
PATTERN MATING SIDE.)
6. 4 = LEVEL 1 (5.30)
5 = LEVEL 2 (6.80)
6 = LEVEL 3 (8.30)
7. 'HM2J09PE51R8'  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

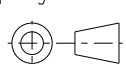
F	6	6	6	6	6	6	6	6	6	6
E	4	4	4	4	4	4	4	4	4	4
D	4	4	4	4	4	4	4	4	4	4
C	5	5	5	5	5	5	5	5	5	5
B	4	4	4	4	4	4	4	4	4	4
A	4	4	4	4	4	4	4	4	4	4
Z	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	10



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 		tolerance std		projection									
			ISO 1302		ISO 406 ISO 1101											
			TOLERANCES UNLESS OTHERWISE SPECIFIED													
Dr	George T	2010-07-28	ANGULAR	LINEAR	0.X	±0.2	size	A3	Scale							
Eng	Alex Babu	2010-07-28			0.XX	±0.1			1/1							
Chr	Alex Babu	2010-07-28			0.XXX	±0.05										
Appr	Biju K Paul	2010-07-28	0°	±1°			ECN		III-0044							
			Product family				MILLIPACS		Spec ref -							
			title				MPACS RA HDR				dwg no		BSC202767052		Rev.	
			type C, shielded, general								B					
			catalog no				HM2J09PE51R8----				CUSTOMER COPY				sheet 1 of 1	