

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 : 10<sup>4</sup> 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

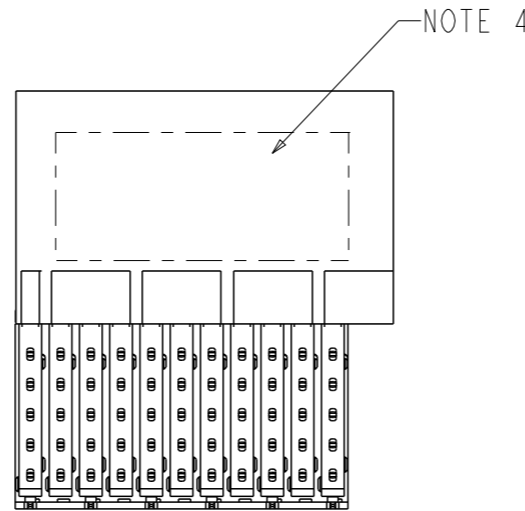
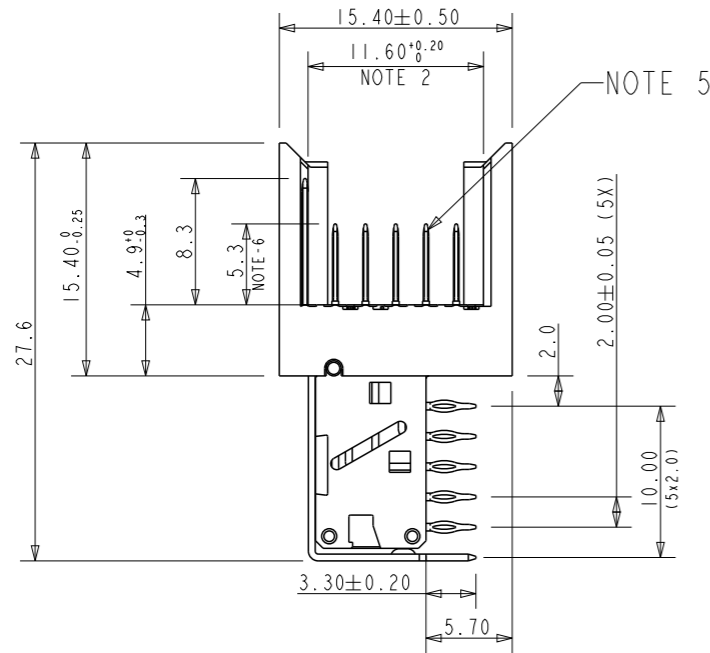
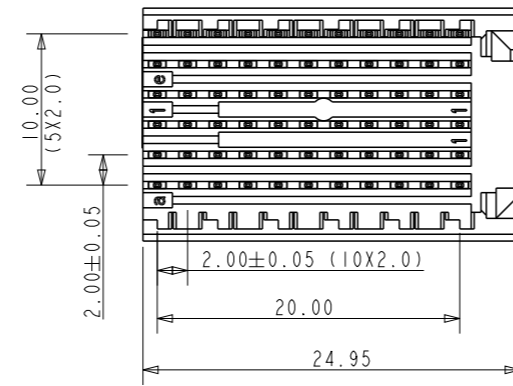
7. 'HM2J09PE5IN8'

PERFORMANCE LEVEL INDICATOR  
(Ref DWG No BS,C ,201844,003)

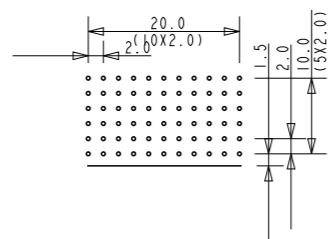
- FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS,A ,201572,001
- THIS PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

LOADING PATTERN : MATING SIDE

F	6	6	6	6	6	6	6	6	6	6	
E	5	5	5	5	5	5	5	5	5	5	
D	4	5	5	5	5	5	5	5	5	5	
C	5	5	5	5	5	5	5	5	5	5	
B	5	5	5	5	5	5	5	5	5	5	
A	5	5	5	5	5	5	5	5	5	5	
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	110-0084	GT	2010-03-31
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 T	2010-03-31	ANGULAR	0.X ±0.2
Eng	Alex Babu	2010-03-31	LINEAR	0.XX ±0.1
Chr	Alex Babu	2010-03-31	0° ±1°	0.XXX ±0.05
Appr	Biju K Paul	2010-03-31	Product family	MILLIPACS Spec ref
FCi		MPACS RA HDR		dwg no
		type C, shielded, general		BSC202767049
		catalog no		HM2J09PE5IN8----
		CUSTOMER COPY		sheet 1 of 1



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