

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)

LEAD FREE INDICATOR : LF = LEAD FREE

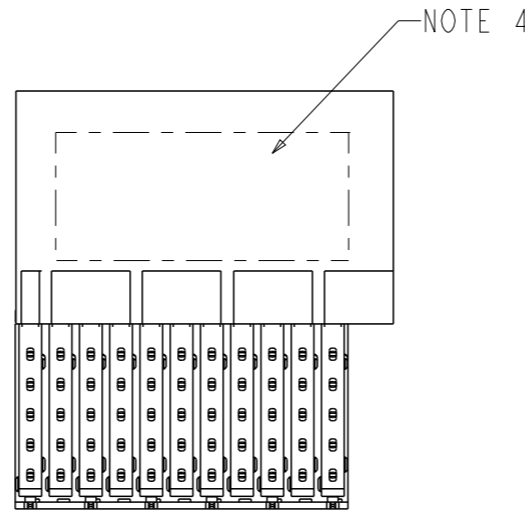
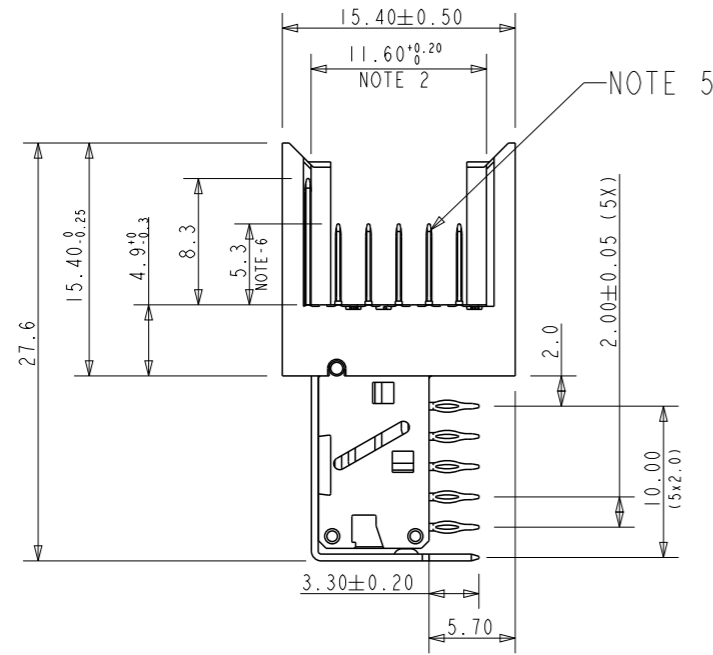
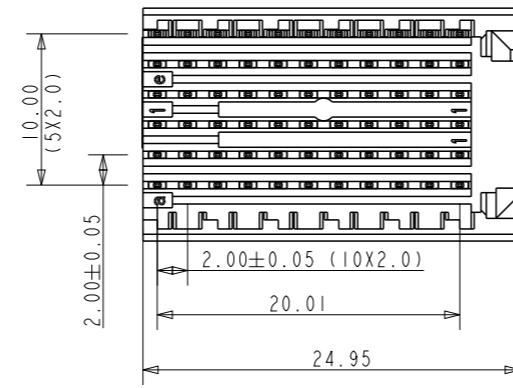
7. 'HM2J09PE5168'

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

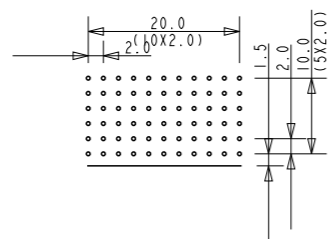
8. FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS,A ,201572,001
9. THIS PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

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



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	0.X ±0.2
Eng	Alex Babu	2005-08-01	LINEAR	0.XX ±0.1
Chr	Alex Babu	2008-04-24	0° ±1°	0.XXX ±0.05
Appr	Alex Babu	2008-04-24	Product family	MILLIPACS
			Spec ref	III-0044
FCi			MPACS RA HDR	dwg no BSC202767033
			type C, shielded, general	Rev. E
			catalog no HM2J09PE5168----	CUSTOMER COPY sheet 1 of 1

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
-	-	-	-
-	-	-	-



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