

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.

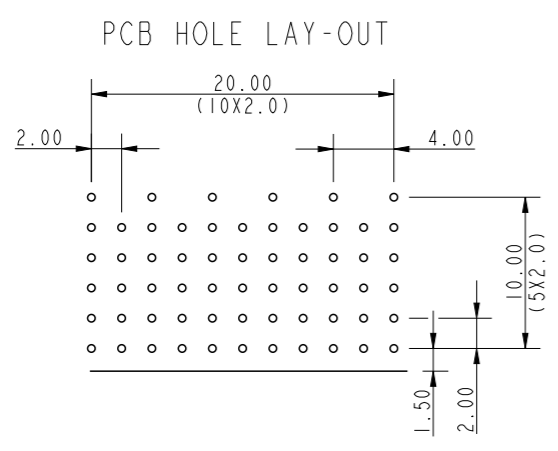
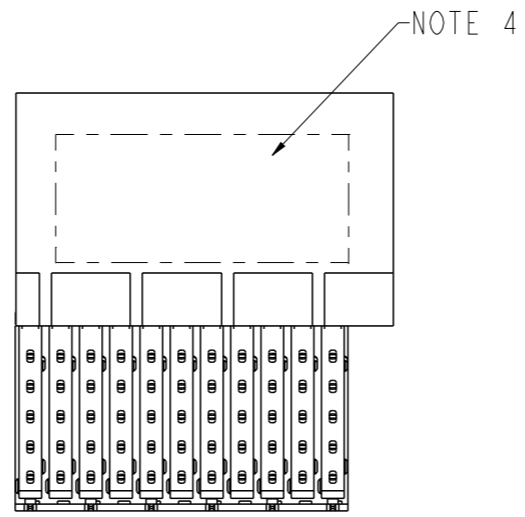
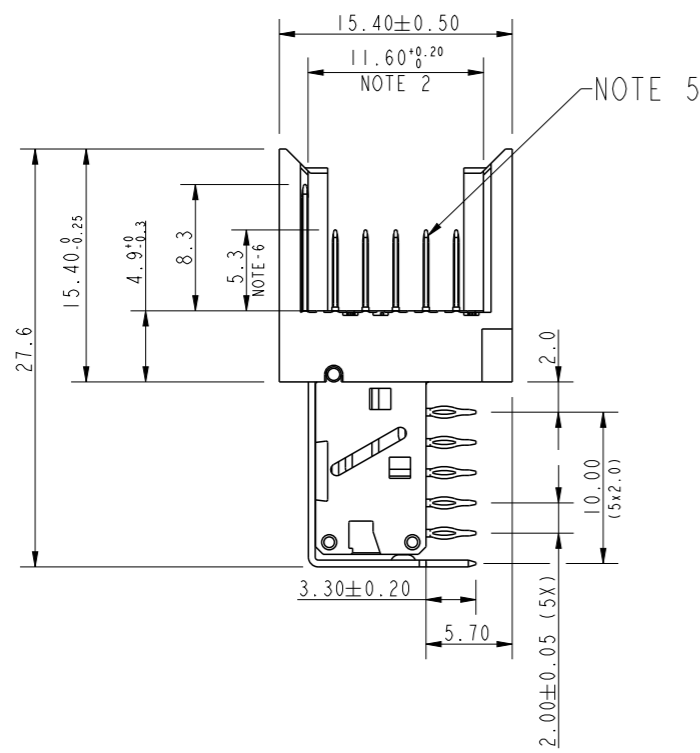
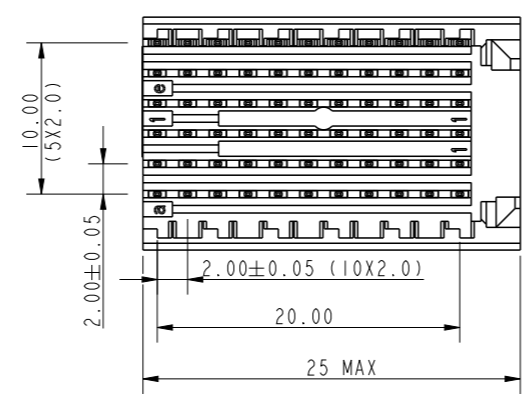
NOTES :

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-47-0004

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



spec ref	-	dr	Thomas George	2011/11/10	projection	mm	size	A3	scale	1/1	
tolerance std	ISO 406 ISO 1101	eng	Alex Babu	2019/11/11			ecn no	ELX-I-26926-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			rel level	Released			
surface	linear	appr	Kuriakose, San	2019/11/12	product family	MILLIPACS		rel level	Released		
ISO 1302	angular	0.X	±0.2		type C, shielded, general	dwg no	BSC202767052			rev	C
		0.XX	±0.1		cat. no.	HM2J09PE51R8----	Product - Customer Drw	sheet 1 of 1			
		0.XXX	±0.05								
		0°	±1°								