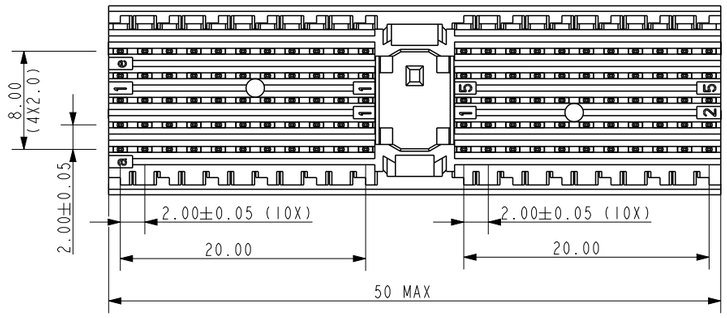
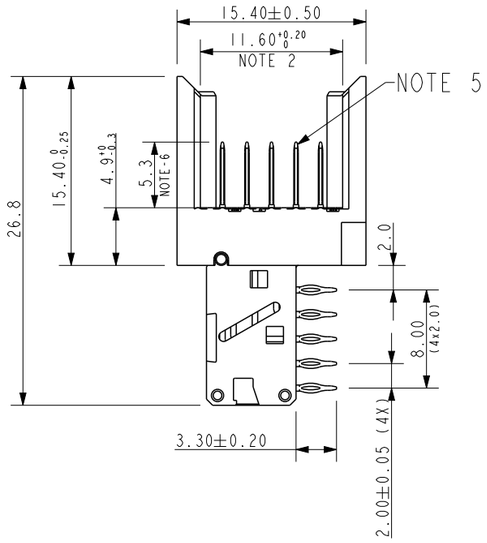
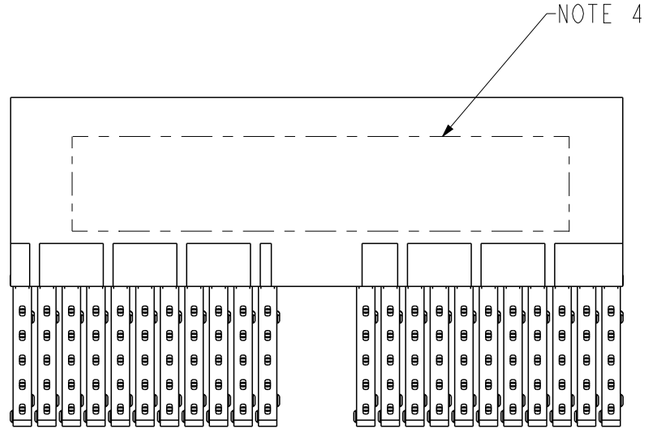






PERFORMANCE CHARACTERISTICS :

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 : 10^4MΩ MIN.

NOTES :

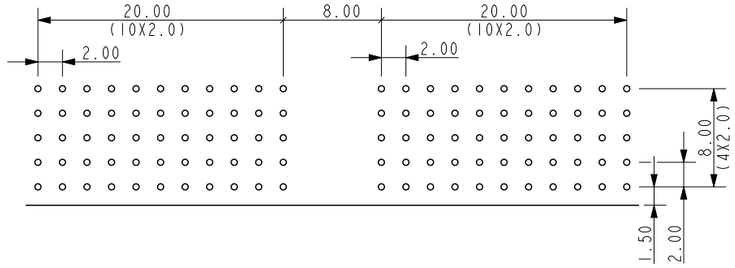
1. UL APPROVED WITH USR AND CNR.
2. MEASURED AT THE BOTTOM.
3. MATERIAL CONTACT : PHOSPHORBRONZE.
   HOUSING : LCP 30% GLASS-FILLED.
4. CONNECTOR PRINTED WITH P/N AND DATE CODES.
5. FOR ACTUAL CONTACT LOADINGS, SEE LOADING PATTERN MATING SIDE.)
6. 4 = LEVEL 1 (5.30)
   5 = LEVEL 2 (6.80)
   6 = LEVEL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

7. 'HM2J07PE---0---'
   - 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	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
E	5	5	5	5	5	5	5	5	5	5	5	X	X	X	5	5	5	5	5	5	5	5	5	5	5
D	5	5	5	5	5	5	5	5	5	5	5	X	X	X	5	5	5	5	5	5	5	5	5	5	5
C	5	5	5	5	5	5	5	5	5	5	5	X	X	X	6	5	5	5	5	5	5	5	5	5	5
B	5	5	5	5	5	5	5	5	5	5	5	X	X	X	5	5	5	5	5	5	5	5	5	5	5
A	5	5	5	5	5	5	5	5	5	5	5	X	X	X	6	5	5	5	5	5	5	5	5	5	5
Z	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

PCB HOLE LAY-OUT



spec ref	-	dr	P-Mathew Nebu	2012/04/18	projection	mm	size A3 / scale 1/1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Alex Babu	2019/11/11			ecn no ELX-I-26926-1
		chr	-	-			
		appr	Kuriakose, San	2019/11/12	product family	MILLIPACS	rel level Released
surface - ISO 1302	linear 0.X ±0.2 / 0.XX ±0.1 / 0.XXX ±0.05	Amphenol FCI	title	MPACS RA HDR type A, not shielded, general	dwg no	BSC202767046	rev D
	angular 0° ±1°		cat. no.	HM2J07PE51K0----	Product - Customer Drw		sheet 1 of 1

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Creo File - REV E - 2016-02-12

PDS: Rev :D STATUS:Released Printed: Nov 12, 2019