

A

B

C

D

A

B

C

D

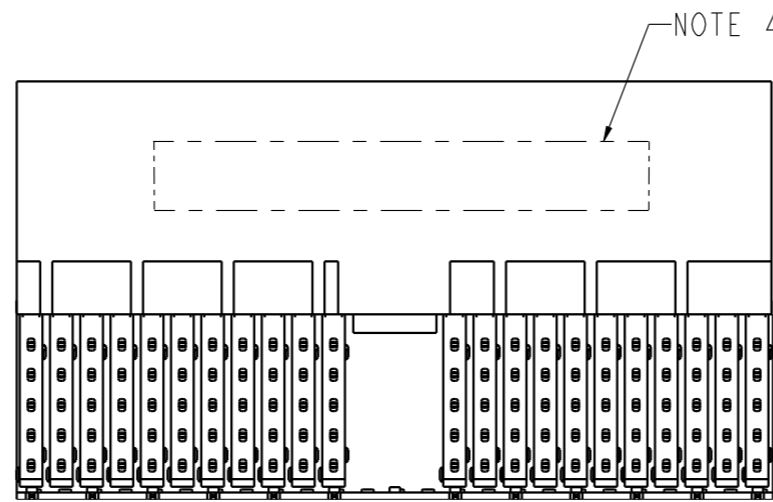
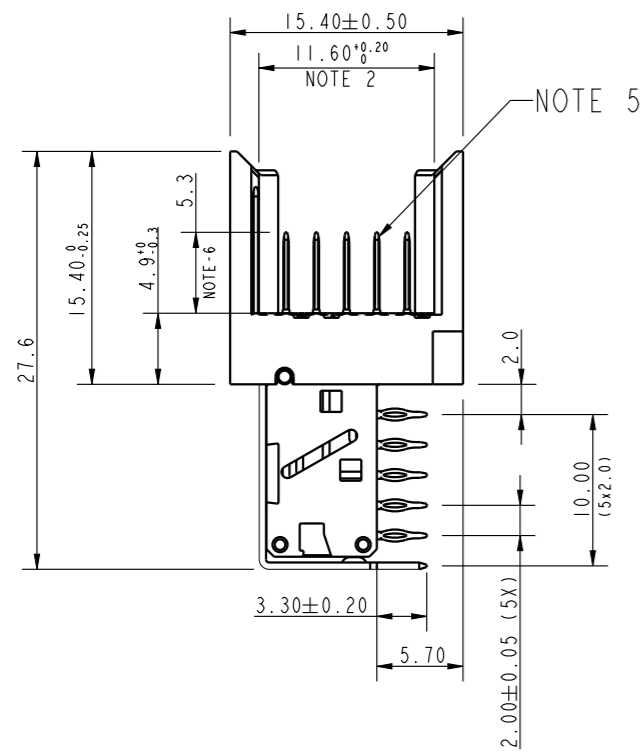
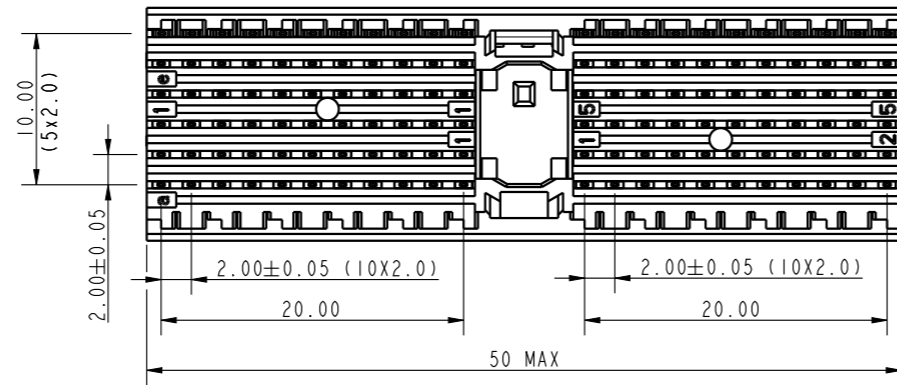
### PERFORMANCE CHARACTERISTICS :

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.

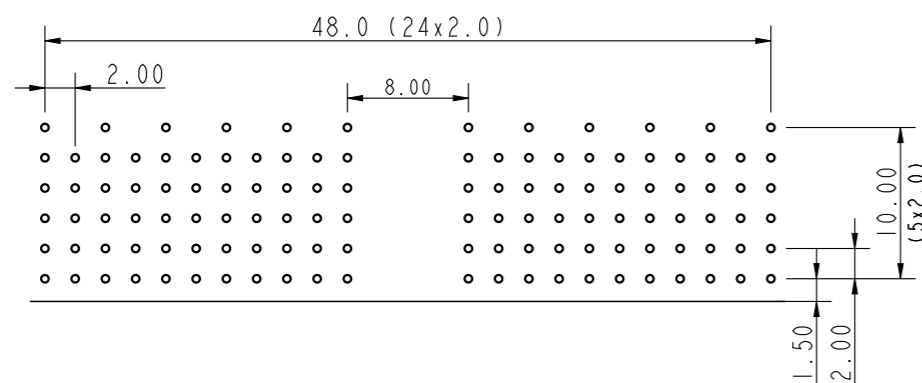
### NOTES :

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. 'HM2J07PE5118' 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



### PCB HOLE LAY-OUT



### LOADING PATTERN : MATING SIDE

F	6	6	6	6	6	6	6	6	6	6	X	X	X	6	6	6	6	6	6	6	6	6	6	6	
E	4	4	4	4	4	4	4	4	4	4	X	X	X	4	4	4	4	4	4	4	4	4	4	4	
D	4	4	4	4	4	4	4	4	4	4	X	X	X	4	4	4	4	4	4	4	4	4	4	4	
C	4	4	4	4	4	4	4	4	4	4	X	X	X	4	4	4	4	4	4	4	4	4	4	4	
B	4	4	4	4	4	4	4	4	4	4	X	X	X	4	4	4	4	4	4	4	4	4	4	4	
A	4	4	4	4	4	4	4	4	4	4	X	X	X	4	4	4	4	4	4	4	4	4	4	4	
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	
	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

Amphenol FCI

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spec ref	-		dr	P-Mathew Nebu	2011/05/24	projection	mm	size	A3	scale	1/1
tolerance std	ISO 406 ISO 1101		eng	Alex Babu	2020/07/27			ecn no		ELX-I-37774-1	
surface	linear	0.X ±0.2 0.XX ±0.1 0.XXX ±0.05	chr	-	appr			Kuriakose, San	2020/07/27	product family	MILLIPACS
ISO 1302	angular	0° ±1°			title MPACS RA HDR Type A, Shielded		dwg no BSC202767006	rev J		cat. no. HM2J07PE5118- Product - Customer Drw sheet 1 of 1	