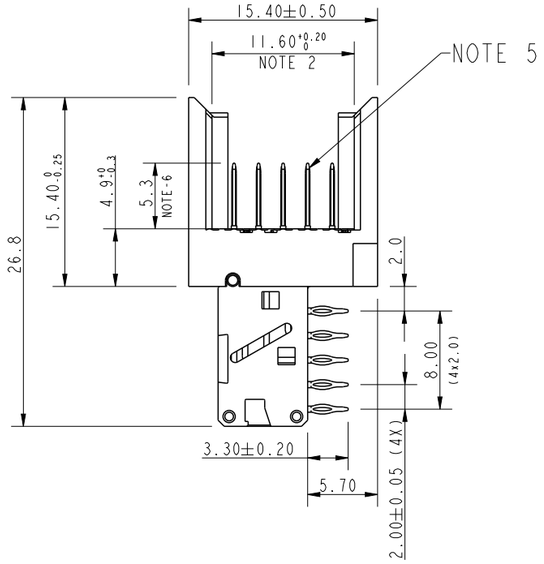
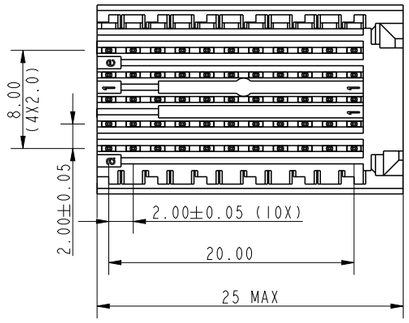
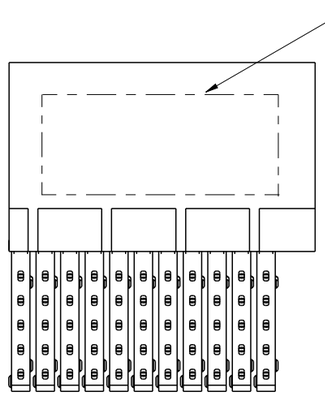






PERFORMANCE CHARACTERISTICS :

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 : 10^4 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)

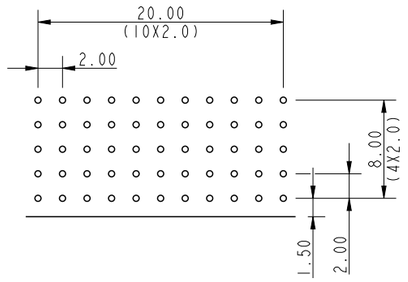
LEAD FREE INDICATOR : LF = LEAD FREE

7. 'HM2J09PE51P0- -'
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	0	0	0	0	0	0	0	0	0	0	0
E	5	5	5	5	5	5	5	5	5	5	5
D	5	5	5	5	5	5	5	5	5	5	5
C	5	5	5	5	5	5	5	5	5	5	5
B	5	5	5	5	5	5	5	5	5	5	5
A	5	5	5	5	5	5	5	5	5	5	5
Z	0	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



spec ref	-			dr	Thomas George	2011/11/10	projection
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Alex Babu	2019/11/11	mm
ISO 406 ISO 1101				chr	-	-	size A3 / scale 1/1
				appr	Kuriakose, San	2019/11/12	ecn no ELX-I-26926-1
surface -	linear	0.X	±0.2				product family MILLIPACS / rel level Released
		0.XX	±0.1	Amphenol FCi	title MPACS RA HDR type C, not shielded, general		dwg no BSC202767051 / rev C
ISO 1302		0.XXX	±0.05		cat. no. HM2J09PE51P0----		Product - Customer Drw / sheet 1 of 1
	angular	0°	±1°				

© 2016 AFCI

Creo File - REV E - 2016-02-12

Downloaded from Arrow.com.

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