



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 : 10⁴MΩ MIN.

NOTES :

- UL APPROVED WITH USR AND CNR.
- MEASURED AT THE BOTTOM.
- MATERIAL CONTACT : PHOSPHORBRONZE.
HOUSING : LCP 30% GLASS-FILLED.
- CONNECTOR PRINTED WITH P/N AND DATE CODES.
- FOR ACTUAL CONTACT LOADINGS, SEE LOADING PATTERN MATING SIDE.)
- 4 = LEVEL 1 (5.30)
5 = LEVEL 2 (6.80)
6 = LEVEL 3 (8.30)
- 'HM2J09PE51P0' LEAD FREE INDICATOR : LF = LEAD FREE
PERFORMANCE LEVEL INDICATOR (Ref DWG No BS,C ,201844,003)
- FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS,A ,201572,001
- 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	
E	5	5	5	5	5	5	5	5	5	5	
D	5	5	5	5	5	5	5	5	5	5	
C	5	5	5	5	5	5	5	5	5	5	
B	5	5	5	5	5	5	5	5	5	5	
A	5	5	5	5	5	5	5	5	5	5	
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	-	-			product family	MILLIPACS	rel level	Released	
surface	linear	appr	Kuriakose, San	2019/11/12	MPACS RA HDR		dwg no	BSC202767051		rev	C
ISO 1302	angular			cat. no.	HM2J09PE51P0----	Product - Customer Drw	sheet 1 of 1				