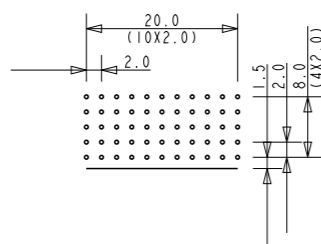


PCB HOLE LAY-OUT



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 :

- 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)
- 'HM2J09PE51C0' 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-22-008

LOADING PATTERN : MATING SIDE

F	0	0	0	0	0	0	0	0	0	0	0
E	6	6	6	6	6	6	6	4	4	6	6
D	6	6	6	6	6	6	6	4	4	6	6
C	6	6	6	6	6	6	6	4	4	6	6
B	5	5	5	5	5	5	5	4	4	5	5
A	6	6	6	6	6	6	6	4	4	6	6
Z	0	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	10	11

www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection	mm
			TOLERANCES UNLESS OTHERWISE SPECIFIED		size A3	Scale 1/1
Dr	Alex Babu	2007-02-16	ANGULAR	0.X ±0.2	ECN 111-0044	
Eng	Alex Babu	2007-02-16	LINEAR	0.XX ±0.1		
Chr	Alex Babu	2008-04-24	0° ±1°	0.XXX ±0.05		
Appr	Alex Babu	2008-04-24	Product family MILLIPACS		Spec ref -	
rev			MPACS RA HDR		dwg no BSC202767040	
ecn no			type C, not shielded, general		Rev. D	
dr			catalog no HM2J09PE51C0----		CUSTOMER COPY sheet 1 of 1	
date						
A	107-0027	AB	2007-02-16			
B	108-0050	AB	2008-04-24			
C	110-0098	GT	2010-04-19			
D	111-0044	GT	2011-02-28			