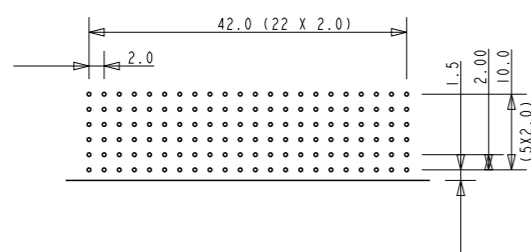


PCB HOLE LAY-OUT



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 : 10<sup>4</sup> 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)

LEAD FREE INDICATOR : LF = LEAD FREE

- 'HM2J70PE5118' 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	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
E	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
A	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Z	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED		size A3	Scale 1/1
Dr	M.Fret	2000-09-29	ANGULAR	0.X ±0.2	ECN 111-0044
Eng	M.Fret	2000-09-29	LINEAR	0.XX ±0.1	
Chr	Alex Babu	2008-04-24	0° ±1°	0.XXX ±0.05	Spec ref -
Appr	Alex Babu	2008-04-24	Product family	MILLIPACS	
rev	ecn no	dr	date	MPACS RA HDR	
A	CONV R0	GNV	2002-08-28	type B (22 POS), shielded	
B	EC B20190	MF	2002-11-21	catalog no HM2J70PE5118----	
C	105-0108	AB	2005-06-29	CUSTOMER COPY sheet 1 of 1	
D	106-0107	AB	2006-07-12	Rev. G	
E	108-0050	AB	2008-04-24	dwg no BSC202767014	
F	110-0098	GT	2010-04-19		
G	111-0044	GT	2011-02-28		



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