

PERFORMANCE CHARACTERISTICS

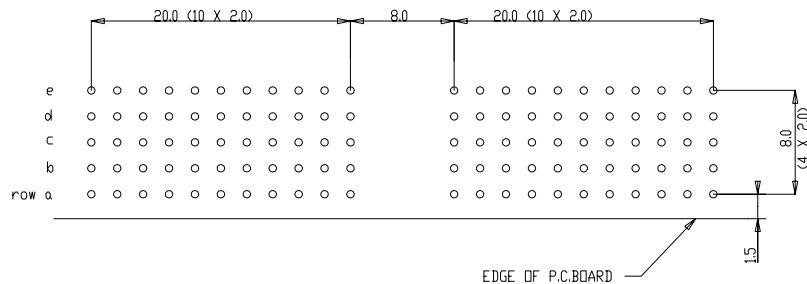
CURRENT RATING 1.5 A AT 20°C (FULLY LOADED)
1 A AT 70°C (FULLY LOADED)

RATED VOLTAGE 500V AC (CONT / CONT)
OPERATING TEMPERATURE -55°C TO 125°C
CONTACT RESISTANCE 20 MΩ MAX
INSERTION FORCE :0.75 N MAX /CONT
EXTRACTION FORCE: 0.15 N MIN /CONT
INSULATION RESISTANCE :10⁴ MΩ MIN

NOTES

- LEAD FREE INDICATOR : LF- LEAD FREE
- PERFORMANCE LEVEL INDICATOR (REF DWG No. BS.C.201844,003)
- THIS PRODUCT IS CSA APPROVED
THIS PRODUCT IS UL RECOGNISED
- FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING: BSA,201,572001
- THIS PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

LAY OUT
P.C.B.-HOLE



Material		Spec ref		tolerance	projection	unit
Mat code				±0.05	±0.10	MM
Heat treat				±0.05	±0.10	MM
Plating/Finish				check		
rev	ecn no	dr	date	Dr	4 2 92	J.V.B
A	CONVERSION	KN	14-9-01	Eng		
B	105-0093	MNI	08/06/05	Chr		Product family MILLIPACS
C	3005-0278	Kason	02/08/05	Appr		Model Name
D	3006-0274	Kason	05/07/06			Model Revision
E	3007-0362	Kason	05/09/07			ECN
F	3008-0159	Nickor	06/02/08			REL Level
FCI		MPACS 5+2R RA RCP		size		Scale
CONN TYPE A		BS.C.201418,010		Rev.		
Prv/E File		catalog no		HM2R0FA5100----		CUSTOMER DRAWING sheet 1 of 1

GEN. ST.	01	02	03	04	05	06	07	08	0D	50	60	70	80	90																	
INT. ST.	10	11	12	13	14	18	20	31	32	33	34	38	39	40	42	43	44	45	46	48	56	70	72	73	75	76	81	82	83	84	88

REV.	DATE	DESCRIPTION	BY	C'K'D'
D	2005-06-01	105-0083	ALEX B	BKP
E	2006-08-03	106-0119	ALEX B	BKP
F	2007-04-11	107-0049	ALEX B	BKP
G	2007-05-17	107-0058	ALEX B	BKP

MILLIPACS : CONTACT PLATING CODE OVERVIEW

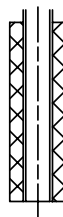
HM2---P------(L-)(LF)

FOR LEAD FREE PLATING
 OPTIONAL (NOTE 1)
 PLATING CODE (DIGIT 13 AND 14)


PLATING CODE	DESCRIPTION	PERFORMANCE
L9	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	TELCORDIA UE
E9	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	PERFORMANCE LEVEL 1 (500 mating cycles)
N9	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	PERFORMANCE LEVEL 2 (250 mating cycles)/ TELCORDIA CO
Z1	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	PERFORMANCE LEVEL 3 (50 mating cycles)
GE	MALE CONN.: REAR PLUG-UP CONTACTS	TELCORDIA UE
GL	MALE CONN.: REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 1 (500 mating cycles)
GF	MALE CONN.: REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 2 (250 mating cycles)/ TELCORDIA CO
GC	MALE CONN.: REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 3 (50 mating cycles)

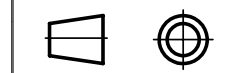
NOTE :

- 1) IN CASE OF STR HDR CONNECTORS :
 EXTENSIONS CAN BE ADDED TO THE PLATING CODE
 IF LUBRICATED CONTACTS ARE REQUIRED
 L : LUBRICATED
 L1: LUBRICATED TO MEET TELCORDIA GR-1217 CORE REQUIREMENTS
- 2) PLATING AT EON AREA
 LF : Sn MATT FINISH PLATING
 ALL OTHER PART NOS : SnPb PLATING
- 3) FOR PRODUCT SPEC. REFER GS-12-203



REF NOTE 2 FOR EON PLATING

1DEC ±0,2 2DEC ±0,1 ANGLES ±1°	APPR.	DATE	SIGN.	MPACS CONTACT PLATING OVERVIEW	
	DRAFT	2003-03-21	M.Fret	CAT. No. HM2---P------(L-)	
	CHECKED			 www.fciconnect.com	
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	PROD. MGR.				SCALE
	PR. ENG. MGR.				
ALL DIMENSIONS IN MM	PR. MGT. MGR.				



REFERENCES

BS,C ,201844,003 G