



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 :10<sup>4</sup> MΩ MIN

NOTES

1. HM2R10PA5100 LEAD FREE INDICATOR : LF=LEAD FREE(DIGIT 15&16)  
 PLATING CODE(DIGIT 13&14)

Plating code	Plating	Performance Level
AA	0.75μm Au	IEC performance level 2(250mating cycles)orTELCORDIA CO
AB	1.25μm Au	TELCORDIA UE

2. THIS PRODUCT IS CSA APPROVED  
THIS PRODUCT IS UL RECOGNISED  
3. FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING: BSA,201,572001  
4. THIS PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVE  
AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

Material		Spec ref		tolerance	projection	size	Scale
Mat code				✓	MM	A1	5.000
Heat treat				IEC 4 & 50 IEC 4000	MM		
Plating/Finish				ECN	REL Level		
rev	ecm no	dr	date	Dr	Jul-20-09	Product Family	MILLIPACS
A	3029-0243	NZ	Jul-20-2009	Eng	Nickor Zuo	Model Name	
B	3010-0093	NZ	Mar-08-2009	Chr	PuiWing Zheng	Model Revision	
C	3028-0100	NZ	Jun-08-2009	Appr	Joseph Hsia		
FCI		MPACS 5+2R RA RCP		CONN TYPE A		BSC201418016	
REV		MPACS51000		HM2R10PA51000		CUSTOMER DRAWING	
DATE		REV		DATE		REV	

PDM: Rev: C

STATUS: Released

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