



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
- 3. THIS PRODUCT IS UL RECOGNISED
- 4. FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING: BSA,201,572001
- 5. 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		Heatreat		✓	MM	A1	5.000
Plating/Finish		Model Name		ECN		REL Level	
Rev	ecm no	dr	date	Dr	Eng	Appr	Model Revision
A	3029-0243	NZ	Jul-20-2009	Nickor Zuo	Jul-20-09	Jul-20-09	Product Family
B	3029-0292	NZ	Nov-08-2009	Nickor Zuo	Jul-20-09	Jul-20-09	Model Name
C	3029-0100	NZ	Jun-08-2009	PuiWing Zheng	Jul-20-09	Jul-20-09	Model Revision
				Appr	Joseph Hsia	Jul-20-09	
FCI		MPACS 5+2R RA RCP		CONN TYPE A		BSC201418016	
MPACS 5+2R RA RCP		CONN TYPE A		CUSTOMER DRAWING		Rev. C	

PDM: Rev: C

STATUS: Released

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