



PERFORMANCE CHARACTERISTICS

- 1.5 A AT 20°C (FULLY LOADED)
- CURRENT RATING: 1 A AT 70°C (FULLY LOADED)
- RATED VOLTAGE: 500 V AC (CONT /CONT)
- OPERATING TEMPERATURE : -55°C TO 125°C
- CONTACT RESISTANCE : 20 m Ω MAX
- INSERTION FORCE: 0.75N MAX/CONT
- EXTRACTION FORCE : 0.15N MIN /CONT
- INSULATION RESISTANCE: 10⁴ MΩ MIN

NOTES 1. HM2R02PAS100 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 (C)
AB	1.25µm Au	TELCORDIA UE

- THIS PRODUCT IS CSA APPROVED.
THIS PRODUCT IS UL RECOGNIZED.
- FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING :BSA.201572.001
- THIS PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

Material			Spec ref		
Mat code			TOLERANCE		
Heat treat			1DEC ±0.2 1DEC		
Plating/Finish			2DEC ±0.1 2DEC		
Dr			ANGLES ±1°HOEKEN		
Nickor Zuo Jul-20-09			size		
Eng Nickor Zuo Jul-20-09			MM		
Chr PeiMing Zheng Jul-20-09			Product family		
Appr Joseph Hsia Jul-20-09			Model Name		
Model Revision			ECN		
REL Level			A1		
Scale			5.000		
FCI			MPACS 5+2R RA		
RCP CONN TYPE B			BSC201418031		
Pro/E file			Rev. C		
CAT.NO. HM2R02PAS100----			CUSTOMER DRAWING		
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