



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. HM2R02PA5101 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 C0
AB	1.25µm Au	TELCORDIA UE

- THIS PRODUCT IS CSA APPROVED.
THIS PRODUCT IS UL RECOGNIZED.
- 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

Material		Spec ref	
Mat code		✓	TOLERANCE
Heatreat			1DEC ±0.2 1DEC 2DEC ±0.1 2DEC
Plating/Finish			ANGLES ±1°HDEKEN
Dr	Nickor Zuo	Jul-20-09	size
Eng	Nickor Zuo	Jul-20-09	Scale
Chr	PeiMing Zheng	Jul-20-09	A1
Model Name			5.000
Model Revision			ECN
REL Level			
FCI	MPACS 5+2R RA RCP CONN TYPE B	BSC201418032	Rev. C
Pro/E file	CAT.NO. HM2R02PA5101----	CUSTOMER DRAWING	sheet 1 of 1