



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. HM2R70PA5108 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

- 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	Heatreat	✓	TOLERANCE 1DEC ±0.2 1DEC 2DEC ±0.1 2DEC ANGLES ±1°HDEKEN		
Plating/Finish	Dr		size	Scale	
Dr	Nickor Zuo	Jul-20-09	Product family	A1	5.000
Eng	Nickor Zuo	Jul-20-09	Model Name	ECN	
Chr	PeiMing Zheng	Jul-20-09	Model Revision	REL Level	
Appr	Joseph Hsia	Jul-20-09			
FCI		MPACS 5+2R RA RCP CONN TYPE B	BSC201418037	Rev. C	
Pro/E file	CAT.NO. HM2R70PA5108----	CUSTOMER DRAWING	sheet 1 of 1		