

PERFORMANCE CHARACTERISTICS

- CURRENT RATING: 1.5 A AT 20°C (FULLY LOADED)
- 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

- LEAD FREE INDICATOR :LF=LEAD FREE
- 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 | |
| Heattreat | | 1DEC ±0.2 1DEC | 2DEC ±0.1 2DEC |
| Plating/Finish | | ANGLES ±1°HOEKEN | |
| Dr 10 2 92 | J.V.B | size | Scale |
| Product family | | AI | 5.000 |
| Model Name | | ECN | |
| Model Revision | | REL Level | |
| Dr | 10 2 92 | Dr | 10 2 92 |
| Eng | J.V.B | Dr | J.V.B |
| Chr | | Dr | |
| Appr | | Dr | |
| Title | | Part No | |
| MPACS 5+2R RA | | B.S.C .201418.002 | |
| RCP CONN TYPE B | | | |
| Pro/E file | | CUSTOMER DRAWING | |
| CAT.NO. HM2R02PA5100---- | | sheet 1 of 1 | |

| rev | ecn no | dr | date |
|-----|------------------------|-------|----------|
| A | CONVERSION REVISION 06 | KN | 14-9-01 |
| B | 105-0093 | MINI | 17-06-05 |
| C | DG05-0278 | kason | 02-08-05 |
| D | DG06-0274 | kason | 05-07-06 |
| E | DG07-0362 | kason | 05/09/07 |
| - | - | - | - |
| 06 | BEC 9.3546 | RM | 11-06-01 |

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|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| GEN. ST. | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 0D | 50 | 60 | 70 | 80 | 90 | | | | | | | | | | | | | | | | | |
| INT. ST. | 10 | 11 | 12 | 13 | 14 | 18 | 20 | 31 | 32 | 33 | 34 | 38 | 39 | 40 | 42 | 43 | 44 | 45 | 46 | 48 | 56 | 70 | 72 | 73 | 75 | 76 | 81 | 82 | 83 | 84 | 88 |

| REV. | DATE | DESCRIPTION | BY | C'K'D' |
|------|------------|-------------|--------|--------|
| D | 2005-06-01 | 105-0083 | ALEX B | BKP |
| E | 2006-08-03 | 106-0119 | ALEX B | BKP |
| F | 2007-04-11 | 107-0049 | ALEX B | BKP |
| G | 2007-05-17 | 107-0058 | ALEX B | BKP |

MILLIPACS : CONTACT PLATING CODE OVERVIEW

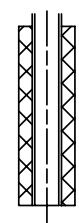
HM2---P------(L-)(LF)

FOR LEAD FREE PLATING
 OPTIONAL (NOTE 1)
 PLATING CODE (DIGIT 13 AND 14)

| PLATING CODE | DESCRIPTION | PERFORMANCE |
|--------------|--|---|
| L9 | MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR | TELCORDIA UE |
| E9 | MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR | PERFORMANCE LEVEL 1 (500 mating cycles) |
| N9 | MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR | PERFORMANCE LEVEL 2 (250 mating cycles)/ TELCORDIA CO |
| Z1 | MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR | PERFORMANCE LEVEL 3 (50 mating cycles) |
| GE | MALE CONN.: REAR PLUG-UP CONTACTS | TELCORDIA UE |
| GL | MALE CONN.: REAR PLUG-UP CONTACTS | PERFORMANCE LEVEL 1 (500 mating cycles) |
| GF | MALE CONN.: REAR PLUG-UP CONTACTS | PERFORMANCE LEVEL 2 (250 mating cycles)/ TELCORDIA CO |
| GC | MALE CONN.: REAR PLUG-UP CONTACTS | PERFORMANCE LEVEL 3 (50 mating cycles) |

NOTE :

- 1) IN CASE OF STR HDR CONNECTORS :
 EXTENSIONS CAN BE ADDED TO THE PLATING CODE
 IF LUBRICATED CONTACTS ARE REQUIRED
 L : LUBRICATED
 L1: LUBRICATED TO MEET TELCORDIA GR-1217 CORE REQUIREMENTS
- 2) PLATING AT EON AREA
 LF : Sn MATT FINISH PLATING
 ALL OTHER PART NOS : SnPb PLATING
- 3) FOR PRODUCT SPEC. REFER GS-12-203

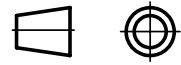


REF NOTE 2 FOR EON PLATING

| | | | | |
|---|---------------|-------------|--------------|-----------------------------------|
| 1DEC ±0,2 2DEC ±0,1 ANGLES ±1° | APPR. | DATE | SIGN. | MPACS CONTACT PLATING OVERVIEW |
| | DRAFT | 2003-03-21 | M.Fret | CAT. No. HM2---P------(L-) |
| | CHECKED | | | www.fciconnect.com |
| WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE. | PROD. MGR. | | | |
| | PR. ENG. MGR. | | | |
| ALL DIMENSIONS IN MM | PR. MGT. MGR. | | | SCALE |

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DIT IS ONZE EIGENDOM EN MAG NIET NAGEMAAKT, HERDRUKT, OVERGEMAAKT AAN DERDEN, NOCH VOOR FABRIKATIE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTELIJKE TOELATING. BIJ NIET GEBRUIK IS TERUGZENDING VERPLICHT.



REFERENCES