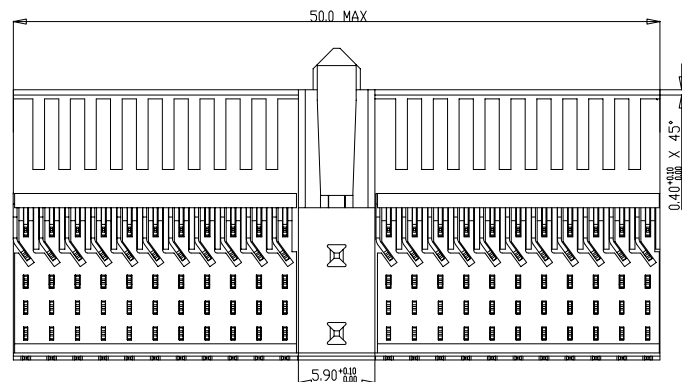
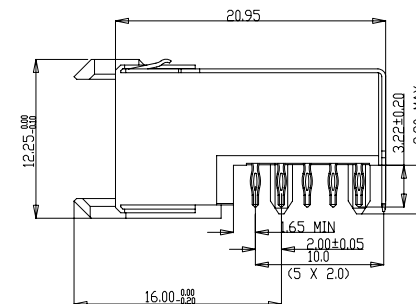
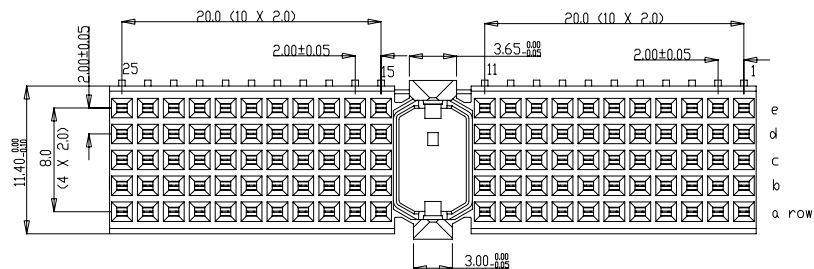




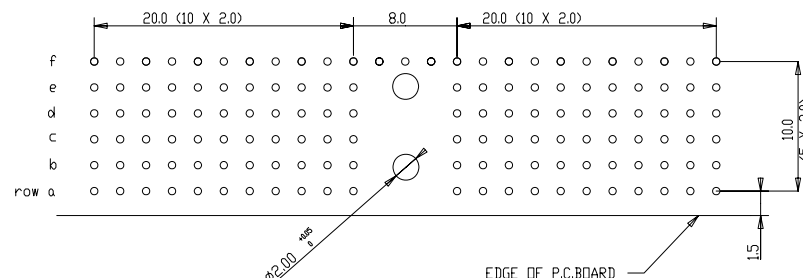
# PERFORMANCE CHARACTERISTICS

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

- LEAD FREE INDICATOR : LF- LEAD FREE
- PERFORMANCE LEVEL INDICATOR (REF DWG No. BS,C,201844,003)
- THIS PRODUCT IS CSA APPROVED
- THIS PRODUCT IS UL RECOGNISED
- FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING: BSA,201,572001
- THIS PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.



| Material                   |  |  |  | Spec ref     |  |  |  |
|----------------------------|--|--|--|--------------|--|--|--|
| Mat code                   |  |  |  | ✓            |  |  |  |
| Heat treat                 |  |  |  | TOLERANCE    |  |  |  |
| Plating/Finish             |  |  |  | projection   |  |  |  |
| Dr 4 2 92                  |  |  |  | MM           |  |  |  |
| Eng J V B                  |  |  |  | size         |  |  |  |
| Dr                         |  |  |  | Scale        |  |  |  |
| Appr                       |  |  |  | REL Level    |  |  |  |
| Product Family MILLIPACS   |  |  |  | size         |  |  |  |
| Model Name HMR0IPAS10F---- |  |  |  | Scale        |  |  |  |
| Model Revision             |  |  |  | REL Level    |  |  |  |
| MPACS 5+2R RA RCP          |  |  |  | size         |  |  |  |
| CONN TYPE A                |  |  |  | Scale        |  |  |  |
| HMR0IPAS10F----            |  |  |  | REL Level    |  |  |  |
| CUSTOMER DRAWING           |  |  |  | sheet 1 of 1 |  |  |  |

| 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

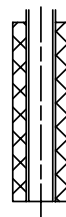
HM2---P------(L-)(LF)

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

| PLATING CODE | DESCRIPTION                                             | PERFORMANCE                                           |
|--------------|---------------------------------------------------------|-------------------------------------------------------|
| L9           | MALE CONN.: SHORT / WIRE WRAP CONT.<br>FEMALE CONNECTOR | TELCORDIA UE                                          |
| E9           | MALE CONN.: SHORT / WIRE WRAP CONT.<br>FEMALE CONNECTOR | PERFORMANCE LEVEL 1 (500 mating cycles)               |
| N9           | MALE CONN.: SHORT / WIRE WRAP CONT.<br>FEMALE CONNECTOR | PERFORMANCE LEVEL 2 (250 mating cycles)/ TELCORDIA CO |
| Z1           | MALE CONN.: SHORT / WIRE WRAP CONT.<br>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 :

- 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
- PLATING AT EON AREA  
LF : Sn MATT FINISH PLATING  
ALL OTHER PART NOS : SnPb PLATING
- FOR PRODUCT SPEC. REFER GS-12-203



REF NOTE 2 FOR  
EON PLATING

|                                                                                       |                                              |                    |                 |                                                              |
|---------------------------------------------------------------------------------------|----------------------------------------------|--------------------|-----------------|--------------------------------------------------------------|
| 1DEC $\pm 0,2$<br>2DEC $\pm 0,1$<br>ANGLES $\pm 1^\circ$                              | APPR.<br>DRAFT<br>CHECKED                    | DATE<br>2003-03-21 | SIGN.<br>M.Fret | MPACS CONTACT PLATING OVERVIEW<br>CAT. No. HM2---P------(L-) |
| WE RESERVE THE RIGHT TO CHANGE<br>DIMENSIONS OR REQUIREMENTS<br>WITHOUT PRIOR NOTICE. | PROD. MGR.<br>PR. ENG. MGR.<br>PR. MGT. MGR. |                    |                 | FCI www.fciconnect.com                                       |
| ALL DIMENSIONS IN MM                                                                  | REFERENCES                                   |                    |                 | SCALE                                                        |
|                                                                                       |                                              | BS,C ,201844,003 G |                 |                                                              |
| PDM: Rev:G                                                                            |                                              |                    |                 | STATUS: Released                                             |
| DRAWING No. 3                                                                         |                                              |                    |                 | CUSTOMER DRAWING REVISION 2                                  |
| Printed: Dec 02, 2007                                                                 |                                              |                    |                 |                                                              |