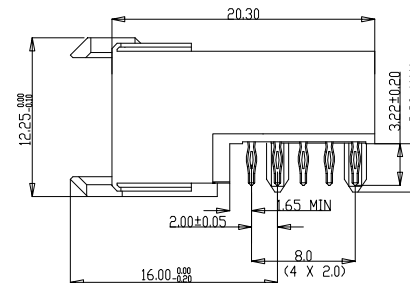
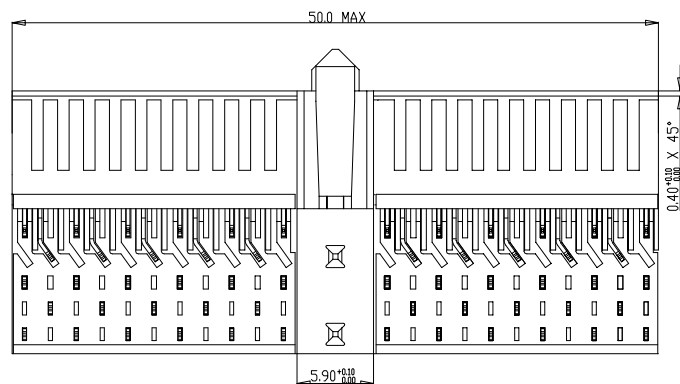


CAVITY LOAD WITH CONTACT



#### 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

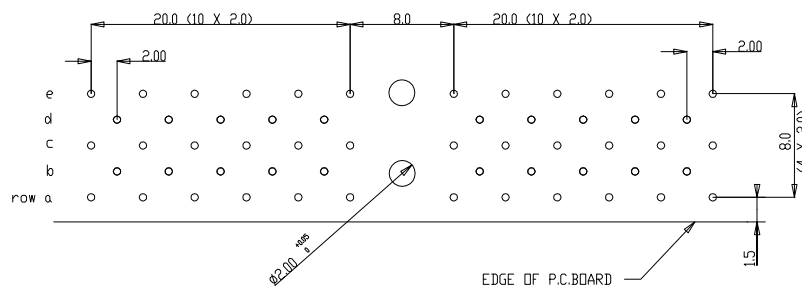
EXTRACTION FORCE 0.15 N MIN /CONT

INSULATION RESISTANCE  $10^4$  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.

LAY OUT  
P.C.B.-HOLE



EDGE OF P.C.BOARD

|        |  |  |  |                |  |          |  |                                                                  |  |
|--------|--|--|--|----------------|--|----------|--|------------------------------------------------------------------|--|
|        |  |  |  | Material       |  | Spec ref |  |                                                                  |  |
|        |  |  |  | Mat code       |  |          |  |                                                                  |  |
|        |  |  |  | Heat treat     |  |          |  |                                                                  |  |
|        |  |  |  |                |  | ✓        |  | tolerance                                                        |  |
|        |  |  |  |                |  |          |  | 0.005 ± 0.002<br>0.005 ± 0.002<br>0.005 ± 0.002<br>0.005 ± 0.002 |  |
|        |  |  |  |                |  |          |  | projection                                                       |  |
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|        |  |  |  | Plating/Finish |  |          |  |                                                                  |  |
| rev    |  |  |  | dr             |  | 4 2 92   |  | J.V.B                                                            |  |
| ecn no |  |  |  | JOL            |  | 14-9-0   |  | size                                                             |  |
| A      |  |  |  | 0105-0356      |  | Gum.J    |  | A1                                                               |  |
| B      |  |  |  | 0105-0356      |  | 02/08/05 |  | Scale                                                            |  |
| C      |  |  |  | 0107-0362      |  | Kissan   |  | 5.000                                                            |  |
|        |  |  |  |                |  | 05/09/07 |  | ECN                                                              |  |
|        |  |  |  |                |  |          |  | REL Level                                                        |  |
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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)

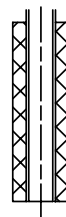
FOR LEAD FREE PLATING  
OPTIONAL (NOTE 1)

PLATING CODE (DIGIT 13 AND 14)

| PLATING CODE | DESCRIPTION                                             | PERFORMANCE                                           |
|--------------|---------------------------------------------------------|-------------------------------------------------------|
| L9           | MALE CONN.: SHORT / WIRE WRAP CONT.<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 |       |
| WE RESERVE THE RIGHT TO CHANGE<br>DIMENSIONS OR REQUIREMENTS<br>WITHOUT PRIOR NOTICE. | PROD. MGR.<br>PR. ENG. MGR.<br>PR. MGT. MGR. |                    |                 | CAT. No. HM2---P------(L-)     | SCALE |
| ALL DIMENSIONS IN MM                                                                  | REFERENCES                                   |                    |                 | FCI www.fciconnect.com         |       |
|                                                                                       |                                              |                    |                 | BS,C ,201844,003 G             |       |

