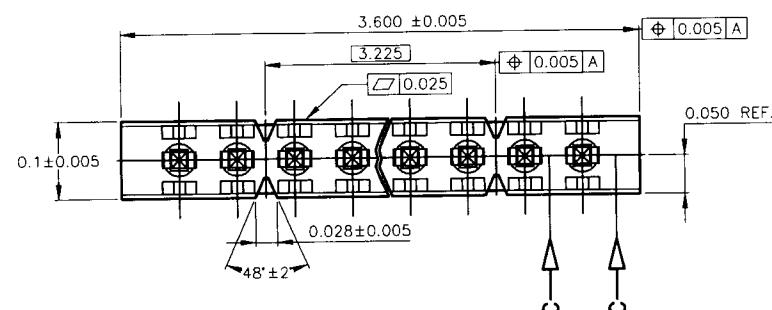
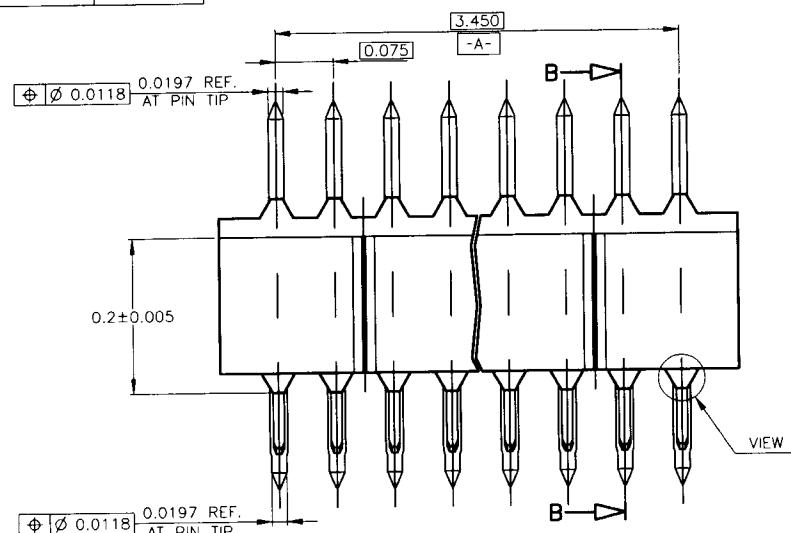
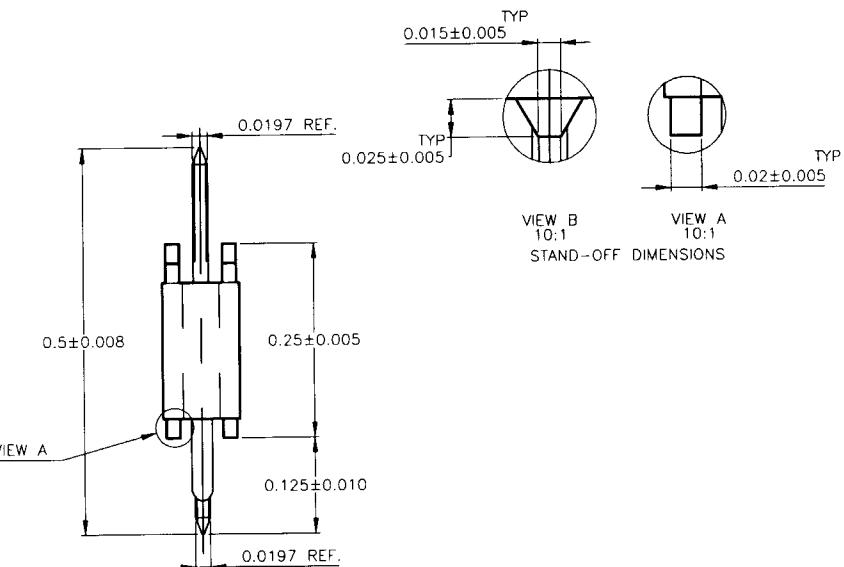


| PRODUCT NO | NOTES |
|------------|--------|
| 93905-001 | NOTE 6 |
| 93905-001S | NOTE 5 |



| PRESS-FIT HOLES IN/MM. | |
|--------------------------------|---|
| HOLE DIAMETER | 0.0256 - 0.0314 |
| AFTER PLATING | 0.65 - 0.80 |
| DRILLED HOLE | 0.0318 - 0.0338 0.81 - 0.86 (0.85 DRILL) |
| COPPER PLATING | 0.001 MIN. 0.025 MIN. |
| TIN/LEAD PLATING (OPTIONAL) | 0.0001 - 0.0005 0.0005 - 0.015 |

| PLATING ON PIN IN/MM | | |
|----------------------|--|---------------------|
| | THICKNESS | UNDERPLATING |
| PRESS-FIT AREA | 30-60 μ " SnPb 0.8-1.6 μ m SnPb | 50 μ " Ni MIN. |
| CONTACT AREA | 100 μ " SnPb MIN. 2.5 μ m SnPb MIN. | 1.3 μ m Ni MIN. |

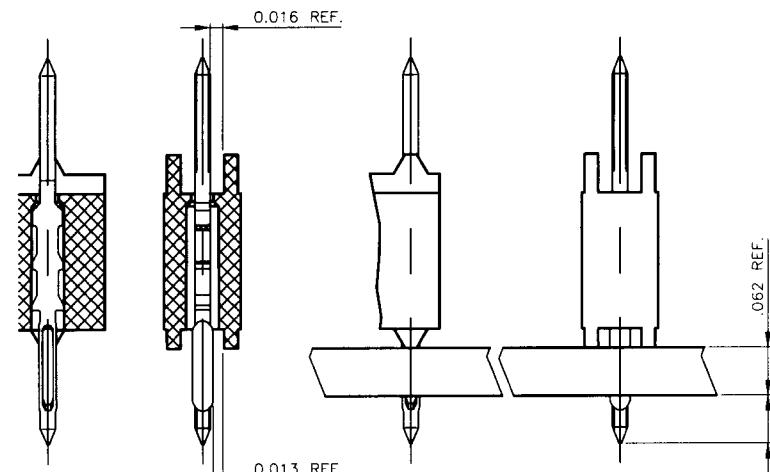


NOTES:

- ① MATERIAL: POLYBUTYLENE TEREPHALATE (PBT), 30% GLASS FILLED FLAME RETARDANT ACC. UL-94-VO
COLOR: BLACK
- ② PIN MATERIAL: PHOSPHOR BRONZE
3. COMPLIANT PIN IS ALSO USED IN METRALtm PRESS-FIT HEADERS THAT COMPLY WITH BELLCORE TR-NWT-001217.
4. TRUE POSITION OF HEADER TO BE MEASURED WITH HEADER IN RESTRAINED STATE, i.e., HELD FLAT IN THE LENGTH DIRECTION BY MEANS OF A FIXTURE CLAMPED ABOUT THE .100 REF. DIMENSION.
- ⑤ PART NUMBERS ENDING IN "S" SUFFIX TO BE BULK PACKAGED (1000 PIECES PER BOX).
- ⑥ PART NUMBER 93905-001 IS MADE FROM 93905-001S AND PACKAGED PER BUS-14-321.

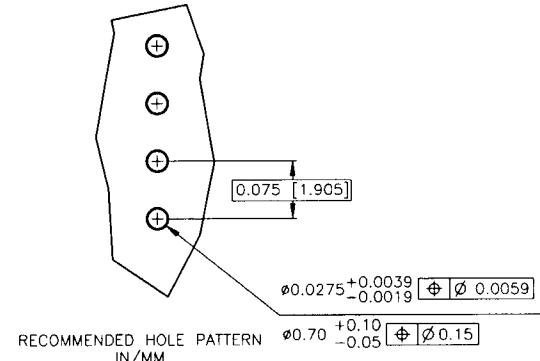
| | | | | | | | | | | | |
|--------------------------|----------|-----|---------|--|-------------|--------|------------------|------------|-------|-------------------|-------------|
| mat'l. code SEE NOTES | | | | tolerances unless otherwise specified | | | CUSTOMER COPY | projection | title | Electronics | |
| Itr | ecn no | dr | date | | X±.3 | | | | | | |
| A | V31986 | SCS | 931119 | linear | .XX±.13 | | | | | SINGLE ROW HEADER | |
| B | V50608 | SCS | 950501 | | .XXX±.051 | | | | | ASSEMBLY-1 x 47 | |
| C | V91245 | MDF | 5/17/99 | angles | 0° ±2° | | | | | product family | METRAL (tm) |
| | | | | dr | STU STONER | 931022 | | MM | | code | 213 |
| | | | | engr | R. DOUTRICH | 931022 | ← → | | size | dwg no | |
| | | | | chr | STU STONER | 931022 | scale | | A4 | 93905 | |
| | | | | oppd | STU STONER | 931022 | 1:1 | | | | |
| sheet | revision | C | C | | | | | | | | |
| index | sheet | 1 | 2 | | | | | | | | |

| |
|------------|
| PRODUCT NO |
| SEE TABLE |



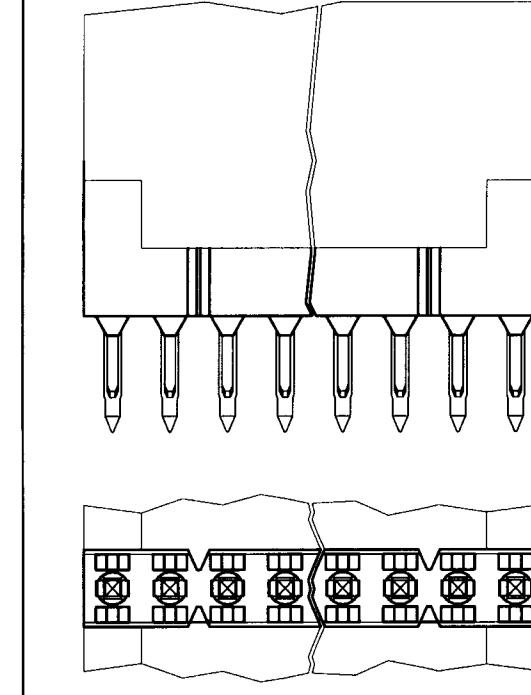
SECTION C-C

SECTION B-B



RECOMMENDED HOLE PATTERN
IN/MM
Ø 0.70 +0.10 -0.05 Ø 0.15

1 2



POSSIBLE END EFFECTOR
CONFIGURATION USING "V"-GROOVES
FOR REGISTRATION TO PINS

| mat'l. code SEE NOTES | | | | tolerances unless otherwise specified | | CUSTOMER COPY | projection | title |
|--------------------------|----------|----|------|--|--------------------|------------------|----------------------------|-------|
| ltr | ecn no | dr | date | linear | .X±.3 | | | |
| C | | | | linear | .XX±.13 | | | |
| | | | | | .XXX±.051 | | | |
| | | | | angles | 0° ±2° | | | |
| | | | | dr | STU STONER 931022 | | product family METRAL (tm) | code |
| | | | | engr | R. DOUTRICH 931022 | | size | 213 |
| | | | | chr | STU STONER 931022 | | dwg no | |
| | | | | appd | STU STONER 931022 | scale | | |
| | | | | | | 1:1 | A4 | 93905 |
| sheet | revision | | | | | | | |
| index | | | | | | | | |

ACAD

PDM: Rev:C

STATUS: Released Printed: Feb 09, 2006

cage code
22526

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