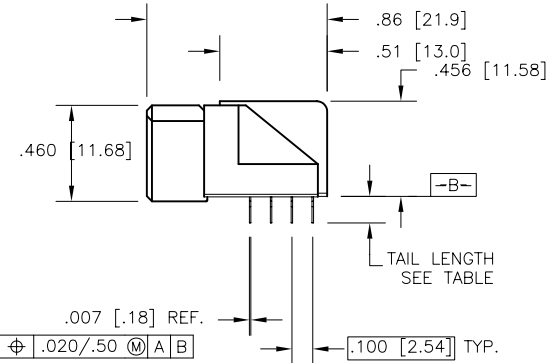
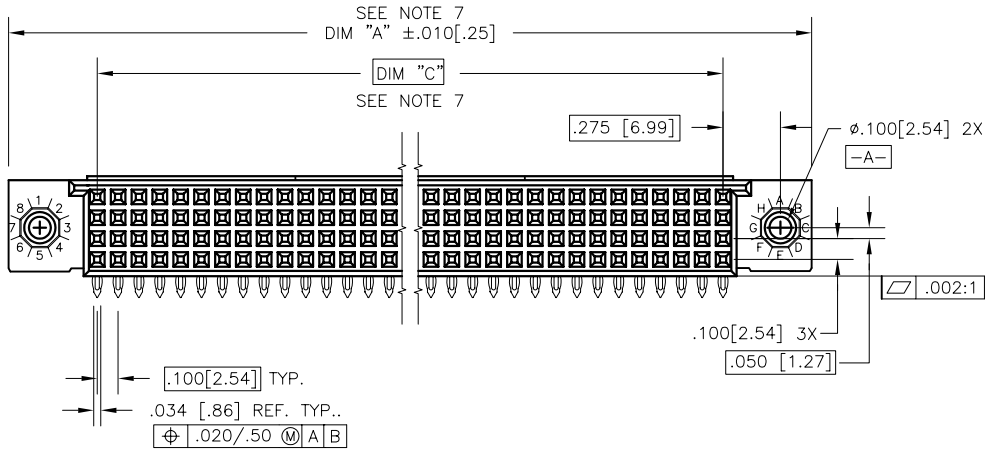
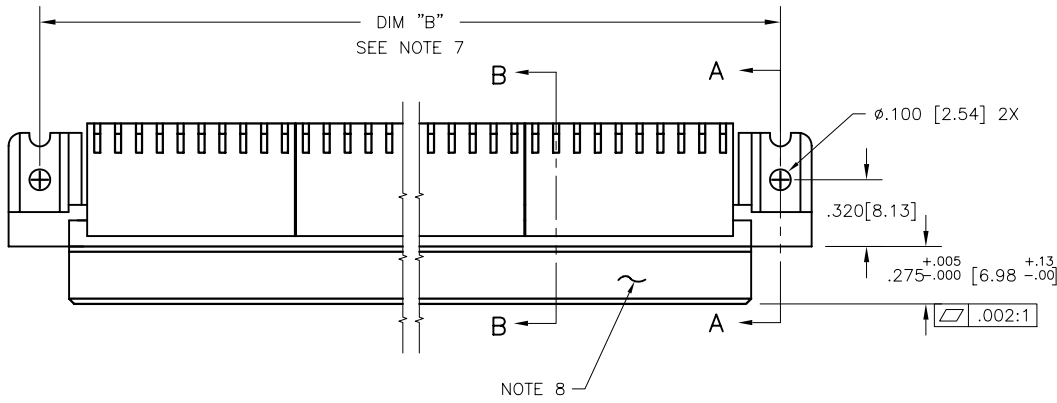


PRODUCT NUMBER
SEE TABLE



.100 [2.54] TYP.
.034 [.86] REF. TYP..
⊕ .020 / .50 Ⓜ A B

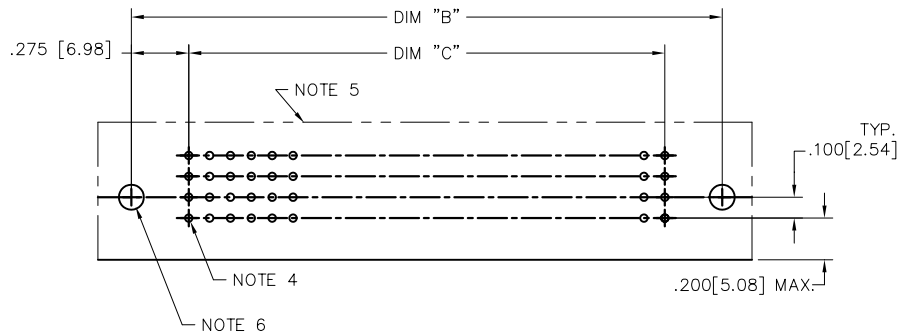
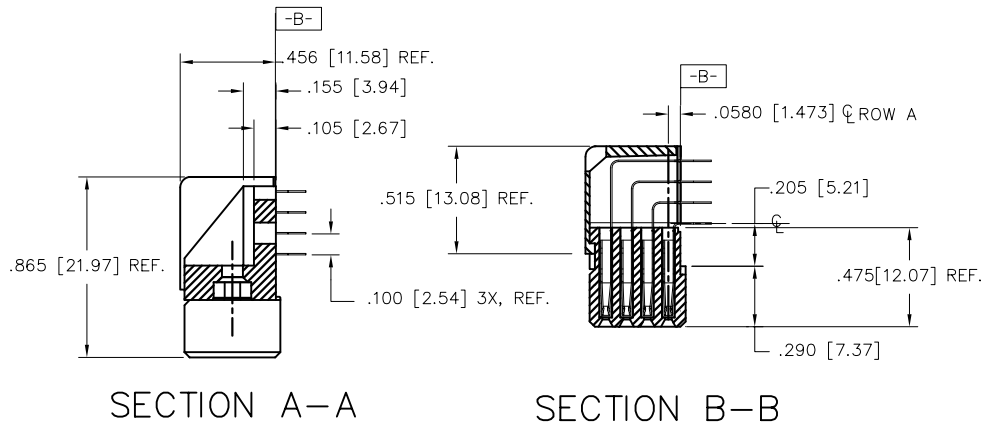
.007 [.18] REF.
⊕ .020 / .50 Ⓜ A B



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| | | | | | |
|-----------------------|----------|---------------------|----------------------------------|-----------------------------------|-----------------------|
| mat'l. code NOTE 3 | | surface ISO 1302 | tolerance ISO 406 ISO 1101 | projection INCH/MM | product family HPC |
| ltr | ecm no | dr | date | title | |
| P | V10824 | JRW | 2/6/01 | 4 ROW R/A RECEPTACLE PRESS FIT | |
| R | V05-0460 | DAI | 7/13/05 | scale | 1:1 |
| S | V05-1003 | DAI | 11/1/05 | dwg no 50642 | |
| T | V05-1041 | HTB | 11/14/05 | sheet 1 of 7 size A3 | |
| U | M06-0255 | MHT | 7/06/06 | type Product Customer Drawing | |
| V | M06-0388 | MHT | 10/04/06 | | |
| W | M08-0149 | MHT | 5/27/08 | | |
| sheet | revision | W | W | W | W |
| index | sheet | 1 | 2 | 3 | 4 |

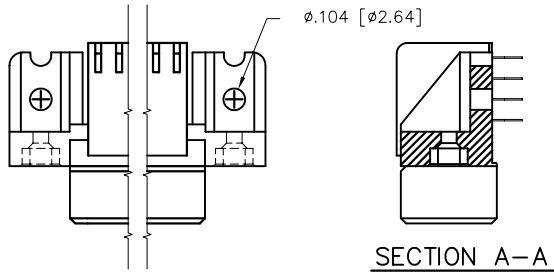
PRODUCT NUMBER
SEE TABLE



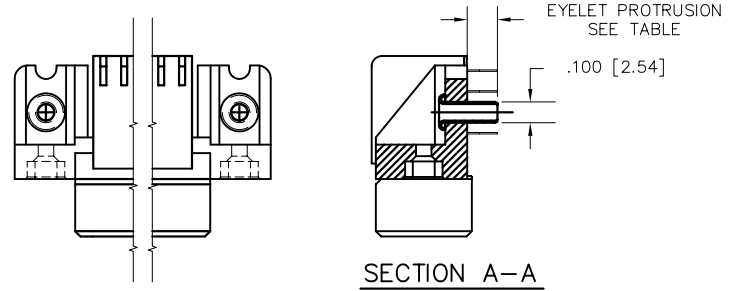
RECOMMENDED PCB LAYOUT
(ALL HOLES LOCATED ON .100[2.54]
GRID UNLESS OTHERWISE SHOWN)

| | | | | | |
|-----------------------|----------------|---------------------|----------------------------------|--|--|
| mat'l. code NOTE 3 | | surface ISO 1302 | tolerance ISO 406 ISO 1101 | projection | product family HPC |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | title 4 ROW R/A RECEPTACLE PRESS FIT |
| W | | | | angles linear XX±.01/XX±.03 .XXX±.005/XX±.013 XXXX±.0020/XXX±.005 | INCH/MM scale 1:1 |
| | | | | dr D.INGRAM 7/13/05 | dwg no 50642 sheet 2 of 7 size A3 |
| | | | | enr D.HORCHLER 7/13/05 | type Product Customer Drawing |
| | | | | chr T.BREWBAKER 7/13/05 | |
| | | | | appd D.HORCHLER 7/13/05 | |
| sheet index | revision sheet | | | | |

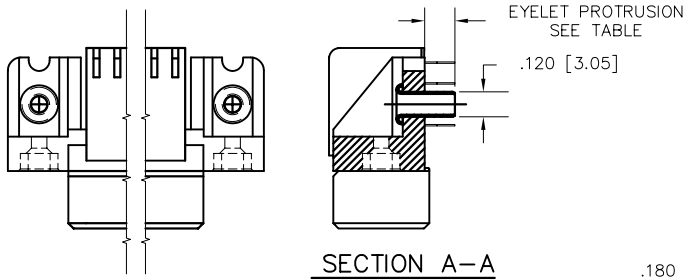
PRODUCT NUMBER
SEE TABLE



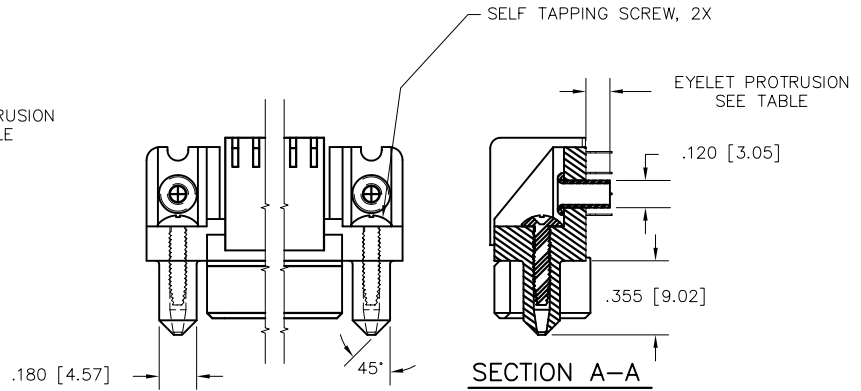
SPECIAL FEATURE OPTION A
SEE NOTE 6



SPECIAL FEATURE OPTION B
SEE NOTE 6



SPECIAL FEATURE OPTION C
SEE NOTE 6



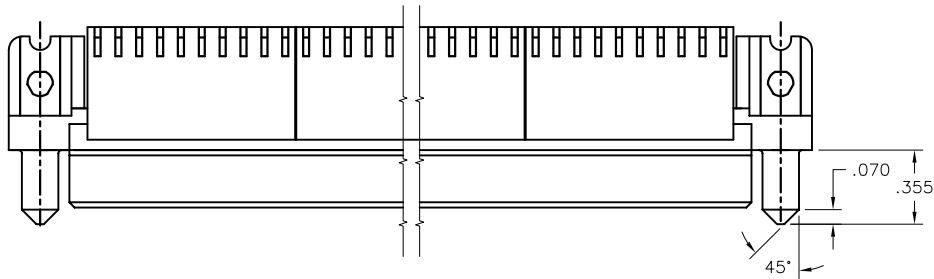
SPECIAL FEATURE OPTION D
SEE NOTE 6



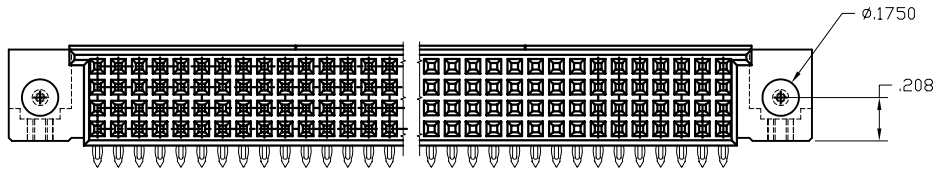
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| | | | | | |
|-----------------------|----------------|---------------------|----------------------------------|--|--|
| mat'l. code NOTE 3 | | surface ISO 1302 | tolerance ISO 406 ISO 1101 | projection INCH/MM | product family HPC |
| ltr | ecm no | dr | date | tolerances unless otherwise specified | title 4 ROW R/A RECEPTACLE PRESS FIT |
| W | | | | linear XX±.01/XX±.03 XXX±.005/XX±.013 XXXX±.0020/XXX±.005 | scale 1:1 |
| | | | | angles 0°±2° | dwg no 50642 |
| | | | | dr D.INGRAM 7/13/05 | sheet 3 of 7 size A3 |
| | | | | engr D.HORCHLER 7/13/05 | type Product Customer Drawing |
| | | | | chr T.BREWBAKER 7/13/05 | |
| | | | | appd D.HORCHLER 7/13/05 | |
| sheet index | revision sheet | | | | |

PRODUCT NUMBER
SEE TABLE



SPECIAL FEATURE OPTION E
SEE NOTE 6



| | | | | | | | | | |
|-------------|----------|----------|------|---------------------------------------|-------------|---|--|-----------------------------------|--|
| mat'l. code | | surface | | tolerance | | projection | | product family | |
| NOTE 3 | | ISO 1302 | | ISO 406 ISO 1101 | | | | HPC | |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | INCH/MM | | title | |
| | | | | angles | linear | $.XX \pm .01 / XX \pm .03$ $.XXX \pm .005 / XX \pm 0.13$ $.XXXX \pm .0020 / XXX \pm 0.05$ | | 4 ROW R/A RECEPTACLE PRESS FIT | |
| | | | | $0^\circ \pm 2'$ | | scale 1:1 | | dwg no | |
| | | | | dr | D.INGRAM | 7/13/05 | | sheet 4 of 7 size | |
| | | | | engr | D.HORCHLER | 7/13/05 | | 50642 | |
| | | | | chr | T.BREWBAKER | 7/13/05 | | A3 | |
| | | | | appd | D.HORCHLER | 7/13/05 | | type Product Customer Drawing | |
| sheet | revision | | | | | | | | |
| index | sheet | | | | | | | | |



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| PRODUCT NUMBER | NUMBER OF POSITIONS NOTE 2 | TAIL LENGTH | SPECIAL FEATURES SEE NOTE 6 | SOLDER TAIL PLATING | CONTACT PLATING | EYELET PROTRUSION | GUIDE PINS |
|----------------|-------------------------------|--------------------|--------------------------------|------------------------|-----------------|----------------------|---------------|
| 50642-1YYE | YYY | .125±.010/3.18±.25 | - | TIN LEAD | 30u"/.76u Au | N/A | NONE |
| 50642-1YYELF | YYY | .125±.010/3.18±.25 | - | TIN | 30u"/.76u GXT | N/A | NONE |
| 50642-1YYEA | YYY | .125±.010/3.18±.25 | "A" | TIN LEAD | 30u"/.76u Au | N/A | NONE |
| 50642-1YYEALF | YYY | .125±.010/3.18±.25 | "A" | TIN | 30u"/.76u GXT | N/A | NONE |
| 50642-1YYEB | YYY | .125±.010/3.18±.25 | "B" | TIN LEAD | 30u"/.76u Au | .145/3.68 | NONE |
| 50642-1YYEBLF | YYY | .125±.010/3.18±.25 | "B" | TIN | 30u"/.76u GXT | .145/3.68 | NONE |
| 50642-1YYEC | YYY | .125±.010/3.18±.25 | "C" | TIN LEAD | 30u"/.76u Au | .115/2.92 | NONE |
| 50642-1YYECLF | YYY | .125±.010/3.18±.25 | "C" | TIN | 30u"/.76u GXT | .115/2.92 | NONE |
| 50642-1YYED | YYY | .125±.010/3.18±.25 | "D" | TIN LEAD | 30u"/.76u Au | .115/2.92 | 2 |
| 50642-1YYEDLF | YYY | .125±.010/3.18±.25 | "D" | TIN | 30u"/.76u GXT | .115/2.92 | 2 |
| 50642-1YYEE | YYY | .125±.010/3.18±.25 | "E" | TIN LEAD | 30u"/.76u Au | N/A | 2 |
| 50642-1YYEELF | YYY | .125±.010/3.18±.25 | "E" | TIN | 30u"/.76u GXT | N/A | 2 |
| 50642-1YYF | YYY | .145±.010/3.68±.25 | - | TIN LEAD | 30u"/.76u Au | N/A | NONE |
| 50642-1YYFLF | YYY | .145±.010/3.68±.25 | - | TIN | 30u"/.76u GXT | N/A | NONE |
| 50642-1YYFA | YYY | .145±.010/3.68±.25 | "A" | TIN LEAD | 30u"/.76u Au | N/A | NONE |
| 50642-1YYFALF | YYY | .145±.010/3.68±.25 | "A" | TIN | 30u"/.76u GXT | N/A | NONE |
| 50642-1YYFC | YYY | .145±.010/3.68±.25 | "C" | TIN LEAD | 30u"/.76u Au | .145/3.68 | NONE |
| 50642-1YYFCLF | YYY | .145±.010/3.68±.25 | "C" | TIN | 30u"/.76u GXT | .145/3.68 | NONE |
| 50642-1YYFD | YYY | .145±.010/3.68±.25 | "D" | TIN LEAD | 30u"/.76u Au | .145/3.68 | 2 |
| 50642-1YYFDLF | YYY | .145±.010/3.68±.25 | "D" | TIN | 30u"/.76u GXT | .145/3.68 | 2 |
| 50642-1YYFE | YYY | .145±.010/3.68±.25 | "E" | TIN LEAD | 30u"/.76u Au | N/A | 2 |
| 50642-1YYFELF | YYY | .145±.010/3.68±.25 | "E" | TIN | 30u"/.76u GXT | N/A | 2 |
| 50642-XX004 | 240 | .125±.010/3.18±.25 | SEE SHEET 5 | TIN LEAD | 30u"/.76u Au | N/A | NONE |
| 50642-XX004LF | 240 | .125±.010/3.18±.25 | SEE SHEET 5 | TIN | 30u"/.76u GXT | N/A | NONE |



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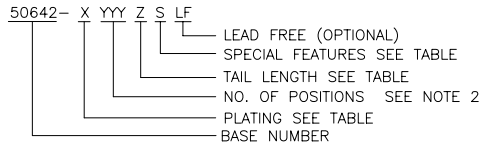
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| | | | | | | | | | |
|-------------|----------|----------|------|---------------------------------------|-------------------|------------|--|-----------------------------------|--|
| mat'l. code | | surface | | tolerance | | projection | | product family | |
| NOTE 3 | | ISO 1302 | | ISO 406 ISO 1101 | | | | HPC | |
| ltr | ecr no | dr | date | tolerances unless otherwise specified | | | | | |
| w | | | | angles | linear | INCH/MM | | title | |
| | | | | 0°±2° | .XX±.01/XX±0.3 | scale 1:1 | | 4 ROW R/A RECEPTACLE PRESS FIT | |
| | | | | | .XXX±.005/XX±0.13 | | | dwg no | |
| | | | | dr | D.INGRAM | 7/13/05 | | sheet 6 of 7 size | |
| | | | | enr | D.HORCHLER | 7/13/05 | | 50642 | |
| | | | | chr | T.BREWBAKER | 7/13/05 | | A3 | |
| | | | | appd | D.HORCHLER | 7/13/05 | | type | |
| sheet | revision | | | | | | | Product Customer Drawing | |
| index | sheet | | | | | | | | |

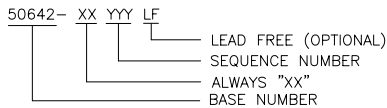
PRODUCT NUMBER
SEE TABLE

NOTES:

①. PRODUCT NUMBERING CODE



PRODUCT NUMBERING CODE FOR SELECT LOAD



- ②. THIS PRODUCT IS CONFIGURED IN SIZES OF 6 THRU 80 COLUMNS IN INCREMENTS OF ONE, i.e. 6, 7, 8, 9,79, 80.
- ③. MATERIAL: PRESS BLOCK – HIGH TEMP THERMOPLASTIC;
HOUSING—GLASS AND MINERAL FILLED HIGH TEMPERTURE THERMOPLASTIC, FLAME RETARDANT PER UL94V-0. COLOR—BLACK
CONTACT—BeCu
- ④. DRILLED HOLE DIA OF .0453±.001 INCH FINISHED TO .0400±.0030 INCH BY PLATING SnPb OR OTHER PLATING 0.0003 TO 0.0006 INCHES THICK WITH A COPPER UNDERPLATE AS NEEDED.
- ⑤. INFORMATION DOCUMENT: FOR PCB STAY- AWAY ZONE, SEE TA-0954.
- ⑥. SPECIAL FEATURES (SEE PRODUCT NUMBER TABLE, AND DETIALS ON SHEET 3)
- IF NO SPECIAL FEATURE CODE IS SELECTED, PCB MOUNTING HOLE DIMENSION TO BE $\phi.120\pm.003[3.05\pm0.07]$
"A" PCB MOUNTING HOLE DIMENSION TO BE $\phi.100\pm.003[2.54\pm0.07]$
"B" INCLUDES PRE-INSTALLED EYELETS FOR PCB ATTACHMENT IN A $\phi.100\pm.003[2.54\pm0.07]$ MOUNTING HOLE. (E TAIL ONLY)
"C" INCLUDES PRE-INSTALLED EYELETS FOR PCB ATTACHMENT IN A $\phi.120\pm.003[3.05\pm0.07]$ MOUNTING HOLE.
"D" INCLUDES PRE-INSTALLED EYELETS WITH MOLDED GUIDE PINS FOR PCB ATTACHMENT IN A $\phi.120\pm.003[3.05\pm0.07]$ MOUNTING HOLE.
"E" INCLUDES MOLDED GUIDE PINS WITH TRI-HOLE SHAPED MOUNTING HOLES. (EYELETS NOT INSTALLED)
- ⑦. LENGTH CALCULATIONS:
DIMENSION "A" CALCULATION = $.100 [2.54] \times \text{NO. OF COLUMNS} + .75 [19.1]$
DIMENSION "B" CALCULATION = $.100 [2.54] \times \text{NO. OF COLUMNS} + .450[11.43]$
DIMENSION "C" CALCULATION = $.100 [2.54] \times \text{NO. OF COLUMNS} - .100[2.54]$
- ⑧. MANUFACTURE'S LOGO, PN, AND LOT CODE TO APPEAR ON THIS SURFACE.
9. THIS PRODUCT (WITH "LF" SUFFIX) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
10. THIS HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERTURE FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
11. ALL POSITIONS ARE LOADED EXCEPT FOR -XXXXY ASSEMBLIES WHICH HAVE SELECTIVE LOADING.

| | | | | | |
|-----------------------|----------|---------------------|----------------------------------|---------------------------------------|--|
| mat'l. code NOTE 3 | | surface ISO 1302 | tolerance ISO 406 ISO 1101 | projection | product family HPC |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | title 4 ROW R/A RECEPTACLE PRESS FIT |
| w | | | | angles linear linear linear | INCH/MM scale 1:1 |
| | | | | dr D.INGRAM 7/13/05 | dwg no 50642 |
| | | | | enrg D.HORCHLER 7/13/05 | sheet 7 of 7 size A3 |
| | | | | chr T.BREWBAKER 7/13/05 | type Product Customer Drawing |
| | | | | appd D.HORCHLER 7/13/05 | |
| sheet | revision | | | | |
| index | sheet | | | | |



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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

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