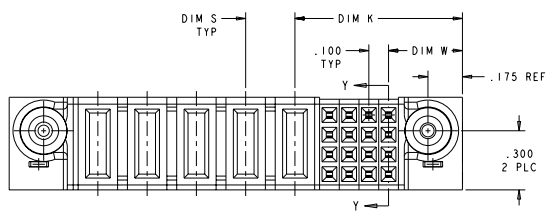
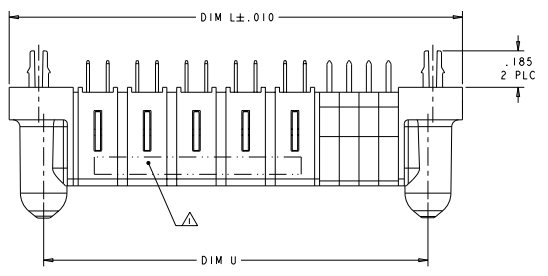
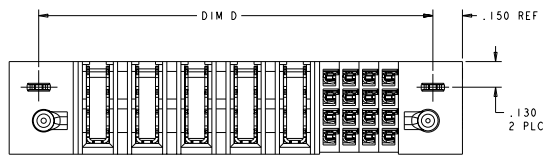
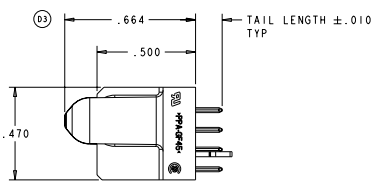
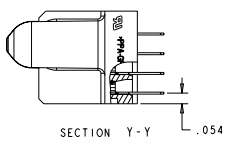


| REV | DATE | DESCRIPTION | BY | CHK | APP |
|-----|------|--------------------------|-----------|-----|-----|
| 00 | ES | | | | |
| 01 | | MODIFY THE DRAWING ERROR | 2/20/2011 | ML | SZ |
| 02 | | REV PER ECR-11-000021 | 2/20/2011 | ML | SZ |



- △ "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN
- △ MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0, BLACK
 SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
 POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- △ CONTACT PLATING: SIGNAL CONTACTS - .000050 MIN Ni UNDER ALL
 .000030 MIN Au ON CONTACT AREA
 .000100 MIN Sn AT PCB INTERFACE
 POWER CONTACTS - .000050 MIN Ni UNDER ALL
 .000030 MIN Au ON CONTACT AREA
 .000100 MIN Sn AT PCB INTERFACE
- △ MECHANICAL CONNECTOR KEEP OUT ZONE
- △ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- △ PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- △ PCB - .0453 ± .0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER
 .001 TO .003 CU PLATING TO ACHIEVE A .040 ± .003 DIA HOLE
- △ NOT RELEASED FOR PRODUCTION.



| ② | 2.325 | 2.275 | .250 | .425 | 2.625 | .925 | 24S + 6P | 6450151-7 |
|---|-------|-------|------|------|-------|-------|-------------|-----------|
| ① | 1.600 | 1.550 | .325 | .425 | 1.900 | .775 | 4S + 3ACP | 6450151-6 |
| | 2.450 | 2.400 | .250 | .375 | 2.750 | 1.050 | 24S + 6P | 6450151-5 |
| | 3.375 | 3.325 | .200 | .375 | 3.675 | 1.050 | 24S + 12HDP | 6450151-4 |
| | 1.900 | 1.850 | .300 | .375 | 2.200 | 1.125 | 24S + 3ACP | 6450151-3 |
| | 2.750 | 2.700 | .300 | .375 | 3.050 | .775 | 12S + 7ACP | 6450151-2 |
| | 2.000 | 1.950 | .250 | .375 | 2.300 | .850 | 16S + 5P | 6450151-1 |

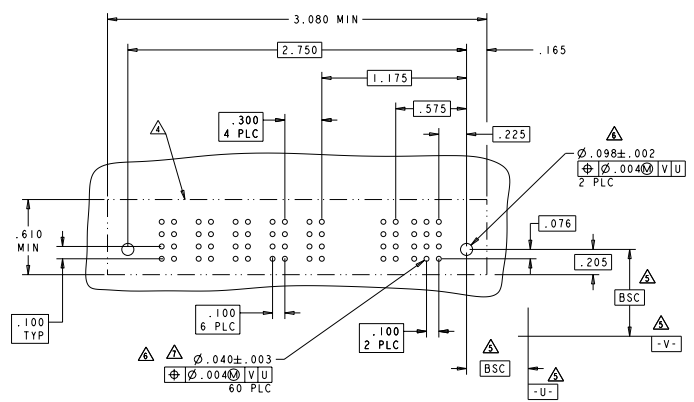
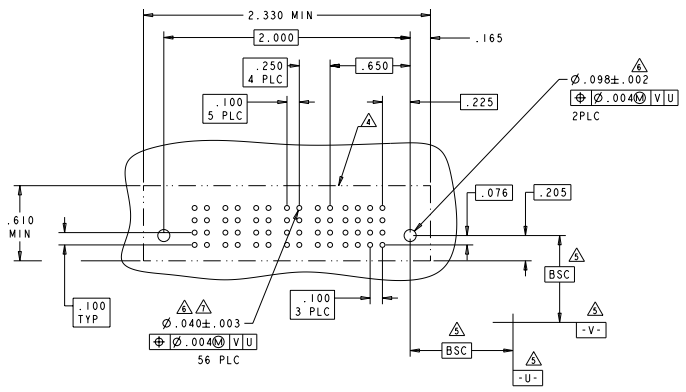
| DIM D | DIM U | DIM S | DIM W | DIM L | DIM K | DESCRIPTION | PART NUMBER |
|-------|-------|-------|-------|-------|-------|---|-------------|
| | | | | | | VERTICAL RECEPTACLE WITH GUIDES MULTI-BEAM XL | |

| | | | |
|---|--|---|---------------------------------|
| DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED DECIMAL DIMENSIONS TO 0.0005 ANGLES TO 0.0005 SURFACE FINISH TO 32 RMS TOLERANCES UNLESS OTHERWISE SPECIFIED HOLE DIA ± .0005 HOLE DIA ± .0010 HOLE DIA ± .0015 HOLE DIA ± .0020 HOLE DIA ± .0025 HOLE DIA ± .0030 HOLE DIA ± .0035 HOLE DIA ± .0040 HOLE DIA ± .0045 HOLE DIA ± .0050 HOLE DIA ± .0055 HOLE DIA ± .0060 HOLE DIA ± .0065 HOLE DIA ± .0070 HOLE DIA ± .0075 HOLE DIA ± .0080 HOLE DIA ± .0085 HOLE DIA ± .0090 HOLE DIA ± .0095 HOLE DIA ± .0100 | TECH ELECTRONICS CORPORATION 100-1913 116-1303B 00778 ©-6450151 | TYPE ELECTRONICS CORPORATION SINGAPORE, P. O. BOX 200230 VERTICAL RECEPTACLE WITH GUIDES MULTI-BEAM XL STATE CASE CODE DRAWING NO A 00778 ©-6450151 CUSTOMER DRAWING | SHEET NO 1 OF 3 DATE 2-11-11 |
|---|--|---|---------------------------------|

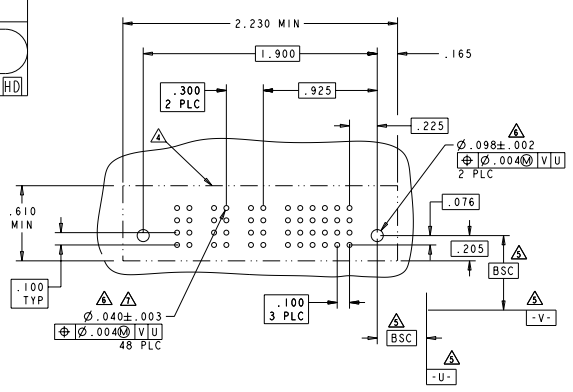
| REV | DATE | DESCRIPTION | BY | CHK |
|-----|------|-------------|----|-----|
| 00 | ES | SEE SHEET 1 | | |

| ASSY PART NUMBER | ROWS | POWER | | | | SIGNAL | | | |
|------------------|------------------|-------|----|----|----|--------|---|---|---|
| | | P5 | P4 | P3 | P1 | 4 | 3 | 2 | 1 |
| 6450151-1 | D C B A | VA | VM | VM | VA | | | | |
| 16S + 5P | | | | | | | | | |

| ASSY PART NUMBER | ROWS | POWER | | | | | | SIGNAL | | |
|------------------|------------------|-------|----|----|----|----|----|--------|---|---|
| | | P7 | P6 | P5 | P4 | P3 | P2 | P1 | 3 | 2 |
| 6450151-2 | D C B A | VM | VM | VM | VM | VM | VM | | | |
| 12S + 7ACP | | | | | | | | | | |



| ASSY PART NUMBER | ROWS | POWER | | | SIGNAL | | | | | |
|------------------|------------------|-------|----|----|--------|---|---|---|---|---|
| | | P3 | P2 | P1 | 6 | 5 | 4 | 3 | 2 | 1 |
| 6450151-3 | D C B A | VM | VM | VA | | | | | | |
| 24S + 3ACP | | | | | | | | | | |

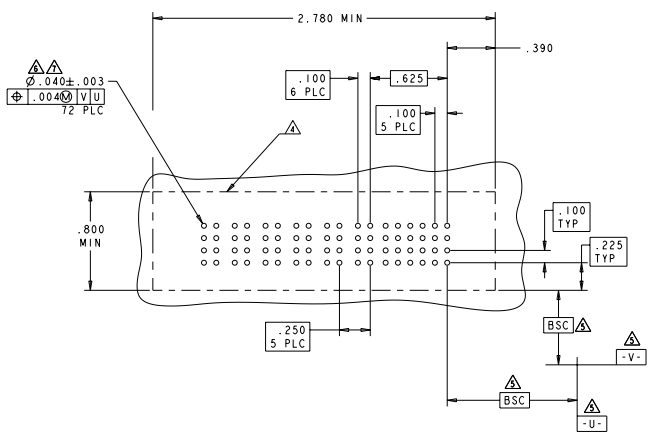
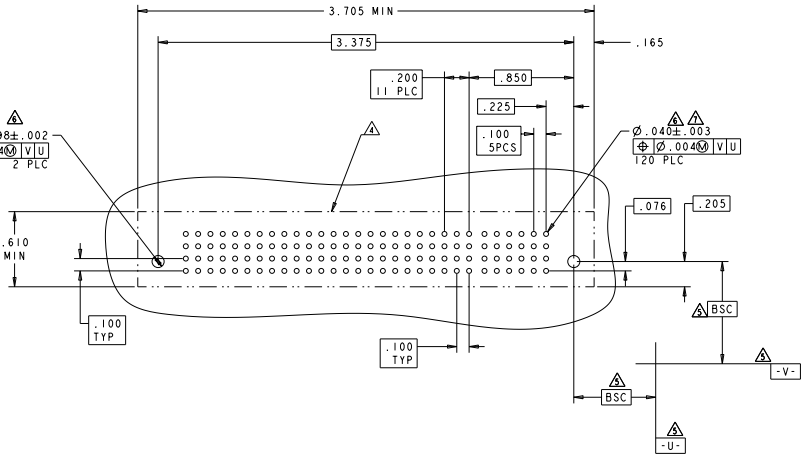


| DRAWING INFORMATION | | DESIGN INFORMATION | | CUSTOMER INFORMATION | |
|--|-----------------|--|-----------------|-----------------------|---------------|
| UNIT: INCHES | SCALE: AS SHOWN | DATE: 08/24/2016 | BY: J. PECHERRE | CUSTOMER: A | PART: 6450151 |
| DRAWN: J. PECHERRE | | CHECKED: J. PECHERRE | | REVISED: - | |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED | | DIMENSIONS: UNLESS OTHERWISE SPECIFIED | | MATERIAL: - | |
| FINISHES: UNLESS OTHERWISE SPECIFIED | | SURFACE FINISHES: UNLESS OTHERWISE SPECIFIED | | DRAWN TO: - | |
| STANDARD: - | | SPECIFICATION: - | | REVISION: - | |
| CUSTOMER DRAWING | | DATE: 08/24/2016 | | DRAWN BY: J. PECHERRE | |

| REV | DATE | DESCRIPTION | BY | CHK | APP |
|-----|------|-------------|----|-----|-----|
| ES | 00 | SEE SHEET 1 | | | |

| PART NUMBER | ROWS | POWER | | | | | | | | | | SIGNAL | | | | | | | | |
|-------------|------------------|-------|-----|-----|----|----|----|----|----|----|----|--------|----|----|----|----|----|----|----|----|
| | | P12 | P11 | P10 | P9 | P8 | P7 | P6 | P5 | P4 | P3 | P2 | P1 | 6 | 5 | 4 | 3 | 2 | 1 | |
| 6450151-4 | D C B A | VM | VM | VM | VM | VM | VM | VA | VA | VA | VA | VA | VA | VA | VA | VA | VA | VA | VA | VA |
| 24S + 12HDP | | | | | | | | | | | | | | | | | | | | |

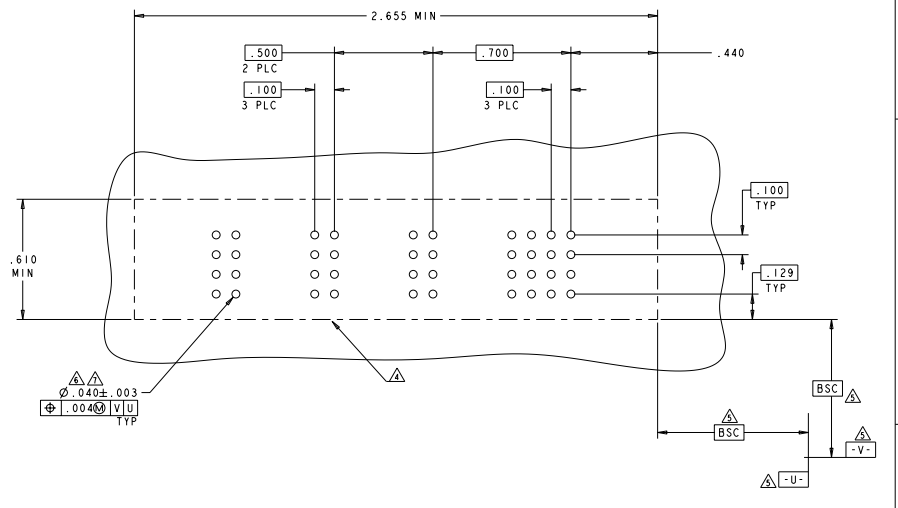
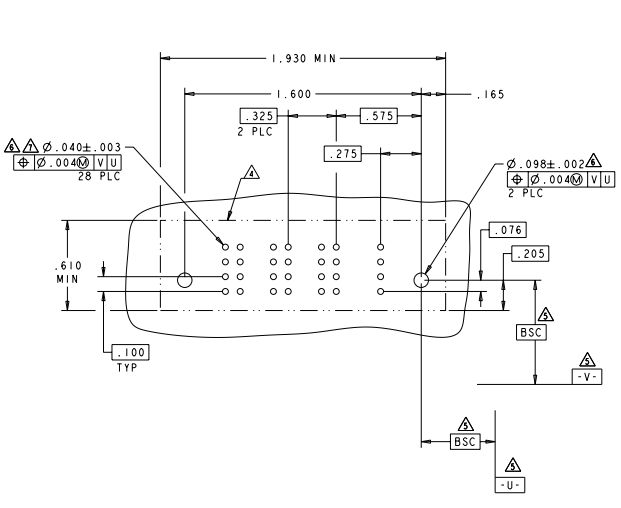
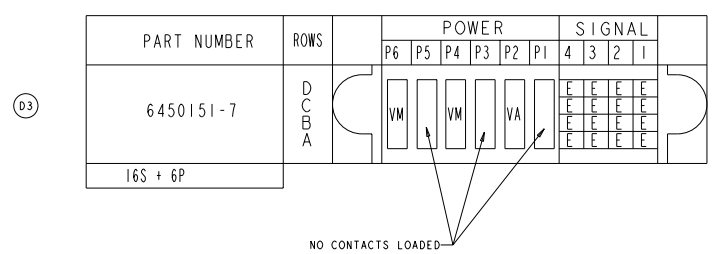
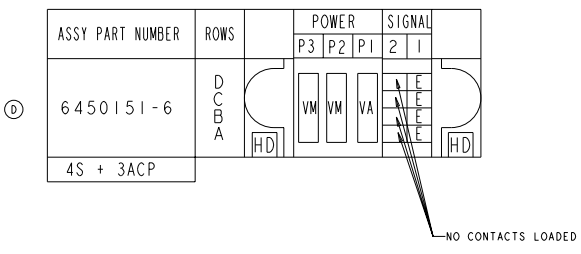
| PART NUMBER | ROWS | POWER | | | | | SIGNAL | | | | | | | | |
|-------------|------------------|-------|----|----|----|----|--------|----|----|----|----|----|----|----|----|
| | | P6 | P5 | P4 | P3 | P2 | P1 | 6 | 5 | 4 | 3 | 2 | 1 | | |
| 6450151-5 | D C B A | VM | VM | VM | VM | VA | VA | VA | VA | VA | VA | VA | VA | VA | VA |
| 24S + 6P | | | | | | | | | | | | | | | |



| | | |
|------------------------------|------|------|
| J | .090 | STD |
| E | .135 | MFBL |
| CODE TAIL LENGTH | | |
| SIGNAL CONTACT | | |
| POWER CONTACT | | |
| VN | .090 | STD |
| VB | .090 | MFBL |
| VA | .135 | MFBL |
| VM | .135 | STD |
| CODE TAIL LENGTH DESCRIPTION | | |

| | | | | | |
|------------------|---------------|-----------|---------------------------------------|-------------|---|
| DATE | 08/24/2018 | BY | W. PECHERKE | REV | 100-1913 |
| INCHES | 0.0005/0.0010 | UNIT | INCHES | DESCRIPTION | VERTICAL RECEPTACLE WITH GUIDES MULTI-BEAM XL |
| SCALE | 1:1 | DATE CODE | 114-13038 | STRT | 00778 |
| REVISION | | REVISION | | REVISION | |
| CUSTOMER DRAWING | | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | |

| REV | DATE | DESCRIPTION | BY | CHK | APP |
|-----|------|-------------|----|-----|-----|
| ES | 00 | SEE SHEET 1 | | | |



| | | | |
|--|---------------------------------------|---|---|
| DIMENSIONS IN INCHES DECIMALS FRACTIONS TYPICAL | PART NUMBER 6450151-6 6450151-7 | TYPE VERTICAL RECEPTACLE WITH GUIDES MULTI-BEAM XL | TYPE ELECTRONICS CORPORATION SINGAPORE, P. R. CHINA 200230 |
| DATE 11-6-13038 | DRAWN BY 00778 | CHECKED BY 00778 | PART NUMBER 6450151 |
| CUSTOMER DRAWING | SHEET 1 | OF 4 | REV 03 |