

| PART NUMBER | REV | DESCRIPTION | PROGRAMMED MEMORY CHIP |
|-------------|-----|--------------------|------------------------|
| 1911259-1 | A | CUTS CARRIER | 8-1911259-1 |
| 1911259-6 | A | CONTINUOUS CARRIER | 8-1911259-6 |
| 7-1911259-1 | A | -1 AND SPARE PARTS | 9-1911259-1 |
| 7-1911259-6 | A | -6 AND SPARE PARTS | 9-1911259-6 |
| 7-1911259-7 | A | SPARE PARTS KIT | - |

| APPLICATOR DATA | | |
|-----------------|---------------|------|
| CRIMP | SIZE | TYPE |
| WIRE | .074 [1.88mm] | F |
| INSUL | .090 [2.29mm] | O |

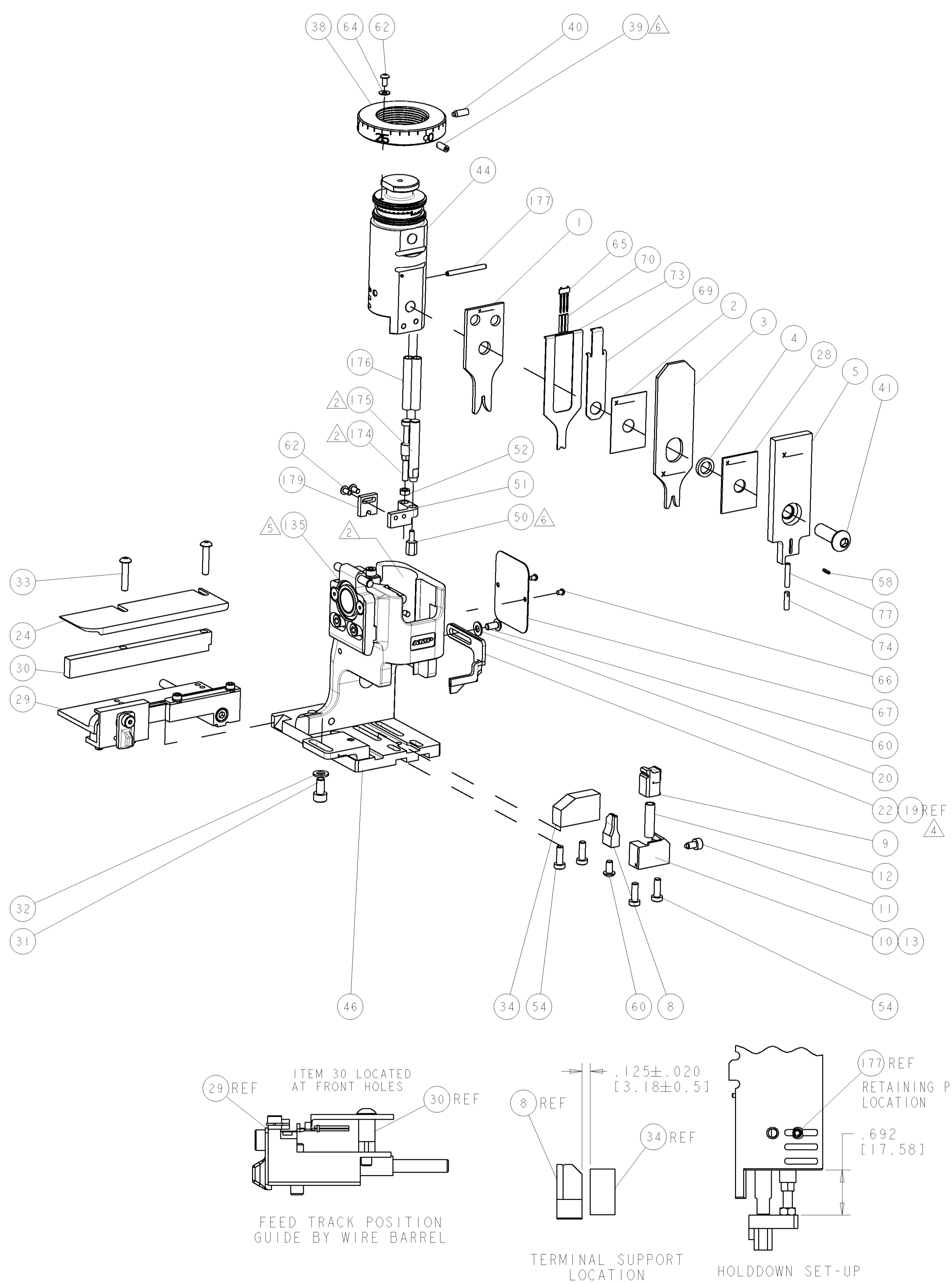
APPL INSTRUCTIONS
408-10135

| TERMINAL DATA: DEUTSCH TERMINAL | | DEUTSCH CRIMP SPEC | |
|---------------------------------|--|----------------------------|--|
| TERMINAL NAME: TERMINAL, PIN | | | |
| WIRE STRIP LENGTH | | INSULATION DIAMETER RANGE | |
| .150-.200 IN [3.8-5.1 mm] | | .075-.105 IN [1.91-2.66mm] | |
| TERMINAL APPL SPEC | | 0425-207-0000 | |

| TE TERMINAL | DEUTSCH TERMINAL | TE TERMINAL | DEUTSCH TERMINAL |
|-------------|------------------|-------------|------------------|
| 286680-1 | 1062-20-0122 | 286680-8 | 1062-20-0444 |
| 286680-2 | 1062-20-0144 | 1572032-1 | 1060-20-0122 |
| 286680-3 | 1062-20-0222 | 1572032-2 | 1060-20-0144 |
| 286680-4 | 1062-20-0244 | 1572032-3 | 1060-20-0222 |
| 286680-5 | 1062-20-0322 | 1572032-4 | 1060-20-0244 |
| 286680-6 | 1062-20-0344 | 1572032-5 | 1060-20-0422 |
| 286680-7 | 1062-20-0422 | 1572032-6 | 1060-20-0444 |

| WIRE SIZE | CRIMP HEIGHT |
|---------------------------|--------------------------|
| INCH | mm |
| 16AWG or 1mm ² | .050 ± .002 [1.27 ± .03] |
| 18AWG | .049 ± .002 [1.24 ± .03] |
| 0.75mm ² | .048 ± .002 [1.22 ± .03] |
| 0.6mm ² | .042 ± .002 [1.07 ± .03] |
| 20AWG | .039 ± .002 [.99 ± .03] |
| 0.5mm ² | .038 ± .002 [.97 ± .03] |
| 22AWG | .037 ± .002 [.94 ± .03] |

- RECOMMENDED SPARE PARTS.
- GREASE BEARING SURFACES LIGHTLY.
- 3. LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.
- ITEM 19 - OPTIONAL STRIPPER FOR BENCH MACHINE APPLICATIONS.
- APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY.
- APPLY P/N 1-23419-5 LOCTITE(R) TO THREADS.
- SEE CHART ON SHEET 2 FOR ADDITIONAL APPLICATORS TO RUN THIS TERMINAL WITH ADDITIONAL INSULATION DIAMETER RANGES.
- RECOMMENDED INSULATION RANGE .105-.118. INSULATION DIAMETER ABOVE .118 NOT RECOMMENDED. STRANDING COULD RESULT.



| FEED FINGER | SET UP GAGE | LOC | DIST | REVISIONS | | | |
|-------------|-------------|-----|------|-----------|----------|-----------|--------|
| 1901694-1 | 1901067-1 | A | 66 | REV | DATE | BY | APPV |
| | | | | A | RELEASED | 28OCT2008 | MEH GB |

| REV | DATE | BY | APPV | PART NO | DESCRIPTION | ITEM NO |
|-----|------|-----|------|-------------|-------------------------------------|---------|
| - | 1 | 1 | 1 | 1976053-1 | LOCATER BLOCK, TERMINAL | 179 |
| - | 1 | 1 | 1 | 1-993111-6 | PIN, SLOTTED SPRING 3.0 X 30.0 | 177 |
| - | 2 | 2 | 2 | 3-22280-7 | SPRING, COMPRESSION | 176 |
| - | 1 | 1 | 1 | 1752353-1 | GUIDE PIN, HOLDDOWN | 175 |
| - | 1 | 1 | 1 | 1901680-1 | GUIDE PIN, HOLDDOWN | 174 |
| - | REF | REF | REF | SEE TABLE | MEMORY CHIP, PROGRAMMED | 135 |
| - | 1 | 1 | 1 | 22278-7 | SPRING, COMPRESSION | 77 |
| - | 1 | 1 | 1 | 854769-4 | HOLDER, INS | 74 |
| - | 1 | 1 | 1 | 1490525-3 | DEPRESSOR, WIRE | 73 |
| - | 1 | 1 | 1 | 1633565-1 | DOCUMENTATION PACKAGE S111 | 71 |
| - | 3 | 3 | 3 | 2-23147-2 | SPRING, COMPRESSION | 70 |
| - | 1 | 1 | 1 | 1490524-1 | DEPRESSOR, SPACER | 69 |
| - | 1 | 1 | 1 | 1901048-1 | TAG, IDENTIFICATION | 67 |
| - | 2 | 2 | 2 | 21017-1 | SCREW, DRIVE | 66 |
| - | 1 | 1 | 1 | 1424350-1 | HOLDER, PIN, WIRED | 65 |
| - | 1 | 1 | 1 | 18028-1 | WASHER, FLAT, REG M3 | 64 |
| - | 3 | 3 | 3 | 1655785-9 | SCR, BTN SKT HD CAP (M3 X 6) | 62 |
| - | 2 | 2 | 2 | 1655785-1 | SCR, BTN SKT HD CAP (M4 X 8) | 60 |
| - | 1 | 1 | 1 | 21028-2 | PIN, SLOTTED SPRING .062 X .250 | 58 |
| - | 4 | 4 | 4 | 1655783-3 | SCR, CAP, SOC HD, LOW HEAD, M4 X 12 | 54 |
| - | 1 | 1 | 1 | 1-18030-0 | NUT, HEX, REG M3.5 | 52 |
| - | 1 | 1 | 1 | 1901681-8 | HOLDDOWN, TERMINAL | 51 |
| - | 1 | 1 | 1 | 1-1752354-8 | STANDOFF, HOLD-DOWN | 50 |
| - | 1 | 1 | 1 | 1752300-1 | SF SYSTEM III APPLICATOR | 46 |
| - | 1 | 1 | 1 | 1752308-1 | RAM | 44 |
| - | 1 | 1 | 1 | 2-1655785-3 | SCR, BTN SKT HD CAP (M8 X 25) | 41 |
| - | 1 | 1 | 1 | 993002-4 | SCREW, SET, SFT TIP | 40 |
| - | 1 | 1 | 1 | 1962043-1 | PLUNGER, BALL, METRIC | 39 |
| - | 1 | 1 | 1 | 1752309-3 | RING, INSULATION CRIMP | 38 |
| - | 1 | 1 | 1 | 1-1752356-2 | SUPPORT, TERMINAL | 34 |
| - | 2 | 2 | 2 | 3-1655785-3 | SCR, BTN SKT HD CAP (M4 X 20) | 33 |
| - | 1 | 1 | 1 | 18028-3 | WASHER, FLAT, REG M5 | 32 |
| - | 1 | 1 | 1 | 5-1655316-3 | SCR, SKT HD CAP, M5 X 10.0 | 31 |
| - | 1 | 1 | 1 | 1320908-1 | SPACER, STRIP GUIDE | 30 |
| - | 1 | 1 | 1 | 1901087-1 | ASSEMBLY, STRIP GUIDE | 29 |
| - | 1 | 1 | 1 | 1-455888-0 | SPACER, CRIMPER | 28 |
| - | 1 | 1 | 1 | 1320928-1 | PLATE, STRIP GUIDE | 24 |
| - | 1 | 1 | 1 | 1976045-1 | STRIPPER | 22 |
| - | 1 | 1 | 1 | 18028-2 | WASHER, FLAT, REG M4 | 20 |
| - | REF | REF | REF | 1752311-1 | STRIPPER | 19 |
| - | 1 | 1 | 1 | 1338684-2 | SHEAR HOLDER, FRONT | 13 |
| - | 1 | 1 | 1 | 3-22280-3 | SPRING, COMPRESSION | 12 |
| - | 1 | 1 | 1 | 356885-5 | STOP, SHEAR | 11 |
| - | 1 | 1 | 1 | 1-1320921-0 | SHEAR HOLDER, FRONT, CUT | 10 |
| - | 1 | 1 | 1 | 462006-6 | FLOATING SHEAR, FRONT | 9 |
| - | 1 | 2 | 1 | 1633703-6 | ANVIL, COMBINATION | 8 |
| - | 1 | 1 | 1 | 854772-1 | DEPRESSOR, SHEAR | 5 |
| - | 1 | 1 | 1 | 1-238011-0 | BLOCK, CRIMPER SPACER | 4 |
| - | 1 | 2 | 1 | 5-904741-8 | CRIMPER, INSUL O PREMIUM | 3 |
| - | 1 | 1 | 1 | 455888-3 | SPACER, CRIMPER | 2 |
| - | 1 | 2 | 1 | 6-1673600-7 | CRIMPER, WIRE | 1 |

| DIMENSIONS: INCHES(mm) | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | DWN | | CHK | | APVD | | NAME | |
|------------------------|---|----------------------------------------|---|------|-----------|-----------|-----------|--------|-----------|-----------------------------------------------|--|
| 0 PLC | ± | 0.001 | ± | HERR | 25SEP2008 | G. BAILEY | 25SEP2008 | DEMING | 25SEP2008 | SIDE FEED SYSTEM III APPLICATOR | |
| 1 PLC | ± | 0.002 | ± | | | | | | | Tyco Electronics Harrisburg, PA 17105-3608 | |
| 2 PLC | ± | 0.003 | ± | | | | | | | SIZE: CAGE CODE: DRAWING NO: RESTRICTED TO | |
| 3 PLC | ± | 0.004 | ± | | | | | | | SCALE: 3:5 SHEET 1 OF 3 REV A | |
| 4 PLC | ± | 0.005 | ± | | | | | | | CUSTOMER DRAWING | |
| 5 PLC | ± | 0.006 | ± | | | | | | | WEIGHT: A 00779 ©=1911259 | |
| ANGLES | ± | 0.001 | ± | | | | | | | CUSTOMER ACCESSIBLE PRODUCTION DRAWING | |

| LOC | DIST | REVISIONS | | | | |
|-----|------|-----------|-------------|------|-----|------|
| A | 66 | P. LTR | DESCRIPTION | DATE | DWN | APVD |
| | | - | SEE SHEET 1 | - | - | - |
| | | | | | | |
| | | | | | | |

TERMINAL APPLICATION CHART

| TERMINAL PART NUMBERS (SOCKET TERMINALS) | | TOOLING INSULATION RANGE | APPLICATOR PART NUMBER | ANVIL | INSULATION CRIMPER | WIRE CRIMPER | INSULATION CRIMP WIDTH | WIRE CRIMP WIDTH |
|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------|---------------------------|-----------|-----------------------|-----------------|------------------------------|------------------------|
| DEUTSCH | TYCO ELECTRONICS | | | | | | | |
| 1062-20-0222 1062-20-0244 1062-20-0422 1062-20-0444 | 286680-3 286680-4 286680-7 286680-8 | .050-.075 | 1911257-1 | 1633703-4 | 5-904741-4 | 6-1673600-7 | .062 (O) | .074 (F) |
| 1062-20-0122 1062-20-0144 1062-20-0222 1062-20-0244 1062-20-0322 1062-20-0344 1062-20-0422 1062-20-0444 | 286680-1 286680-2 286680-3 286680-4 286680-5 286680-6 286680-7 286680-8 | .063-.094 | 1911258-1 | 1633703-5 | 5-904741-3 | 6-1673600-7 | .080 (O) | .074 (F) |
| 1062-20-0122 1062-20-0144 1062-20-0322 1062-20-0344 | 286680-1 286680-2 286680-5 286680-6 | .075-.105 | 1911259-1 | 1633703-6 | 5-904741-8 | 6-1673600-7 | .090 (O) | .074 (F) |
| 1062-20-0122 1062-20-0144 1062-20-0322 1062-20-0344 | 286680-1 286680-2 286680-5 286680-6 | .085-.111 | 1911253-1 | 1633703-3 | 5-456135-0 | 6-1673600-7 | .100 (O) | .074 (F) |
| 1062-20-0122 1062-20-0144 1062-20-0322 1062-20-0344 | 286680-1 286680-2 286680-5 286680-6 | .105-.125 | 1911260-1 | 1633703-7 | 6-683454-4 | 6-1673600-7 | .110 (O) | .074 (F) |

| | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <small>THE DIMENSIONS OF THIS DRAWING ARE UNLESS OTHERWISE SPECIFIED IN THE DIMENSIONAL CALLOUTS OR OTHERWISE SPECIFIED IN THE DRAWING. DIMENSIONS ARE TO BE TAKEN TO THE CENTER UNLESS OTHERWISE SPECIFIED.</small> | | DWN: M. HERR 25SEP2008 CHK: G. BAILEY 25SEP2008 APVD: N. DEMING 25SEP2008 | Tyco Electronics Harrisburg, PA 17105-3608 |
| DIMENSIONS: INCHES(mm) | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.005 1 PLC ±.005 2 PLC ±.005 3 PLC ±.005 4 PLC ±.005 ANGLES ±.005 | NAME: SIDE FEED SYSTEM III APPLICATOR PRODUCT SPEC: - APPLICATION SPEC: SEE TABLE WEIGHT: - CUSTOMER DRAWING | SIZE: A 00779 C=1911259 SCALE: 3:5 SHEET: 3 OF 3 REV: A |