



- PREFIX AND SUFFIX NUMBERS MUST MATCH THOSE ON RECEPTACLE FOR PARTS TO MATE.
- MATERIAL:
 HOUSING- POLYCARBONATE
 CONTACT- COPPER ALLOY
 SHIELD- BRASS
- FINISH:
 HOUSING- SMOKE GRAY
 CONTACT- 0.00127[0.00050] MIN NICKEL OVER ENTIRE PART,
 0.0002[0.00001] GOLD FLASH OVER ENTIRE PART,
 0.00127[0.00050] MIN GOLD OVER CONTACT AREA,
 SHIELD- BRIGHT TIN/LEAD 0.00076[0.00030] MIN OVER 0.00127[0.00050] MIN NICKEL.
- FOR TERMINATION OF CABLE WHOSE INDIVIDUAL CONDUCTORS HAVE AN INSULATION DIA OF 0.91[0.36] NOMINAL.
- INSERTION DEPTH INTO RECEPTACLE.
- FOR TERMINATION OF 26 OR 28 AWG, 7 STRANDED, FLAT RIBBON CABLE WITH 0.89[0.35] TO 0.96[0.38] O.D. PVC CONDUCTOR INSULATION. SEE 520822-1 FOR DETAIL.

| | | | | | | | |
|----------|---------------|---------------|---------------|---------------|-------------|--------|-------------|
| DISOLETE | 16.87 [1.664] | 9.53 [1.375] | 10.46 [1.412] | 9.35 [1.368] | 4 | F | 6-520527-1 |
| | 21.95 [1.864] | 14.60 [1.575] | 15.54 [1.612] | 14.43 [1.568] | 8 | E | 5-520527-3 |
| | 16.87 [1.664] | 9.53 [1.375] | 10.46 [1.412] | 9.35 [1.368] | 4 | E | 5-520527-1 |
| | 16.87 [1.664] | 9.53 [1.375] | 10.46 [1.412] | 9.35 [1.368] | 4 | D | 4-520527-1 |
| DISOLETE | 16.87 [1.664] | 9.53 [1.375] | 10.46 [1.412] | 9.35 [1.368] | 4 | C | 3-520527-1 |
| DISOLETE | 19.40 [1.754] | 12.06 [1.475] | 13.00 [1.512] | 11.89 [1.468] | 6 | B | 2-520527-2 |
| DISOLETE | 16.87 [1.664] | 9.53 [1.375] | 10.46 [1.412] | 9.35 [1.368] | 4 | B | 2-520527-1 |
| | 32.11 [1.264] | 24.76 [1.975] | 25.78 [1.015] | 24.59 [1.968] | 16 | A | 1-520527-6 |
| DISOLETE | 21.95 [1.864] | 14.60 [1.575] | 15.54 [1.612] | 14.43 [1.568] | 8 | A | 1-520527-3 |
| DISOLETE | 19.40 [1.754] | 12.06 [1.475] | 13.00 [1.512] | 11.89 [1.468] | 6 | A | 1-520527-2 |
| | 16.87 [1.664] | 9.53 [1.375] | 10.46 [1.412] | 9.35 [1.368] | 4 | A | 1-520527-1 |
| | | | | | | | |
| | K | J | H | G | NO. OF POSN | KEY TD | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

TYCO ELECTRONICS CORPORATION
 Harrisburg, Pa 17105-3608

PLUG ASSEMBLY, FLAT CABLE,
 36 SERIES, SDL

108-2047

114-2086

A1 00779 520527

CUSTOMER DRAWING

SCALE 10:1

SHEET 1 OF 1

REV U