THIS DRAWING IS UNPUBLISHED RELEASED FOR PUBLICATION REVISIONS BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED. C COPYRIGHT -DESCRIPTION DATE DWN APVI | 170CT08 | PK | BW J REV PER ECO 08-022907 1. THIS RECEPTACLE WILL MATE WITH ANY 44 POSN, SIZE 3 PLUG IN AMPLIMITE SERIES. 2.BE-CU RETENTION CLIPS (44) ARE INCLUDED IN INSERT AND INSTALLED WITH TINES . 3. POINTING TOWARDS MATING FACE --RAISED CAVITY IDENTIFICATION NUMBERS R.100±.003 TYP-4. CONNECTOR SUPPLIED WITHOUT CONTACTS, SHOWN FOR ILLUSTRATION ONLY $[2.54\pm0.08]$ 5. OVERALL DIMENSIONS DO NOT INCLUDE RAISED CAVITY ID MARKING: FAR SIDE REFERS TO WIDE SIDE OF KEYSTONE. NEAR SIDE REFERS TO NARROW SIDE OF KEYSTONE $-\phi.120$ TYP [3.05] 7.100% INSPECTION REQUIRED PER BOEING 1B01: A. VISUAL B. DWV C. IR 8. CUSTOMER REQUIRES SINGLE LOT DATE CODE. 9. SPECIAL REQUIREMENTS: A.TEST TWO CONNECTORS PER LOT FOR COMPLIANCE TO GROMMET PEEL STRENGTH REQUIREMENTS. B.TEST ALL CIRCUIT CAVITIES FOR MISALIGNMENT OR EXCESSIVE MATING FACE-ADHESIVE. 10° TYP. -1.852- [47.04] -2.088±.015 -[53.04±0.38] **--**.494±.015 **--**| $[12.55\pm0.38]$ -1.511— **-**.311 **-**[38.38] [7.90] [6.17] .039±.010¬ [0.99±0.25]**!** ┌.050±.020 TYP .429±.010 [10.90±0.25] _ _ _ _ _ _ _ _ .375 MAX. [9.53] SHELL, FRONT & REAR .125 REF MAT'L: BRASS PER ASTM B-19FINISH: GOLD PLATED PER ASTM-B-488 OVER 0.000100 MIN COPPER PER AMS 2418 → .422±.010 **→** -1.625±.010 -[10.72±0.25] [41.28±0.25] 5 CUSTOMER P/N (IF APPLICABLE)-- INSERT ASSEMBLY MARKED ON FAR SIDE. POLYPHENYLENE SULFIDE (PPS) MANUFACTURER'S NAME, BRAND NAME OR GST-40-F PER MIL-M-24519 LOGO AND MANUFACTURER'S PART NO OR GLASS FILLED POLYESTER AND DATE CODE MARKED ON NEAR SIDE, TPES013G30 PER ASTM-D-5927 GROMMET ---MATERIAL: SILICONE RUBBER AS SHOWN-WITH CUSTOMER PART NO 1-211669-1 1B01-027RHW MARKED SAME AS -1 EXCEPT NO CUSTOMER 211669-3 MARKING SAME AS -1 EXCEPT WITH CUSTOMER 211669-2 NUMBER 2A065-021V-001 MARKED AS SHOWN-WITH CUSTOMER PART NO 211669-1 1B01-027 MARKED DESCRIPTION PART NO 26JUN06

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Electronics THIS DRAWING IS A CONTROLLED DOCUMENT. Tyco Electronics Corporation Harrisburg, PA 17105-3608 TOLERANCES UNLESS OTHERWISE SPECIFIED: INCHES RECEPTACLE ASSEMBLY, AMPLIMITE 44 POSITION, SIZE 3, SERIES 90, ± -± .005 [0.13] NON-MAGNETIC, SPECIAL WITH GROMMET APPLICATION SPEC SIZE CAGE CODE DRAWING NO 1 00779 **C-**211669 SEE CALLOUTS SEE CALLOUTS SCALE 4:1 SHEET OF REV USTOMER DRAWING AMP 4805 REV 31MAR2000

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