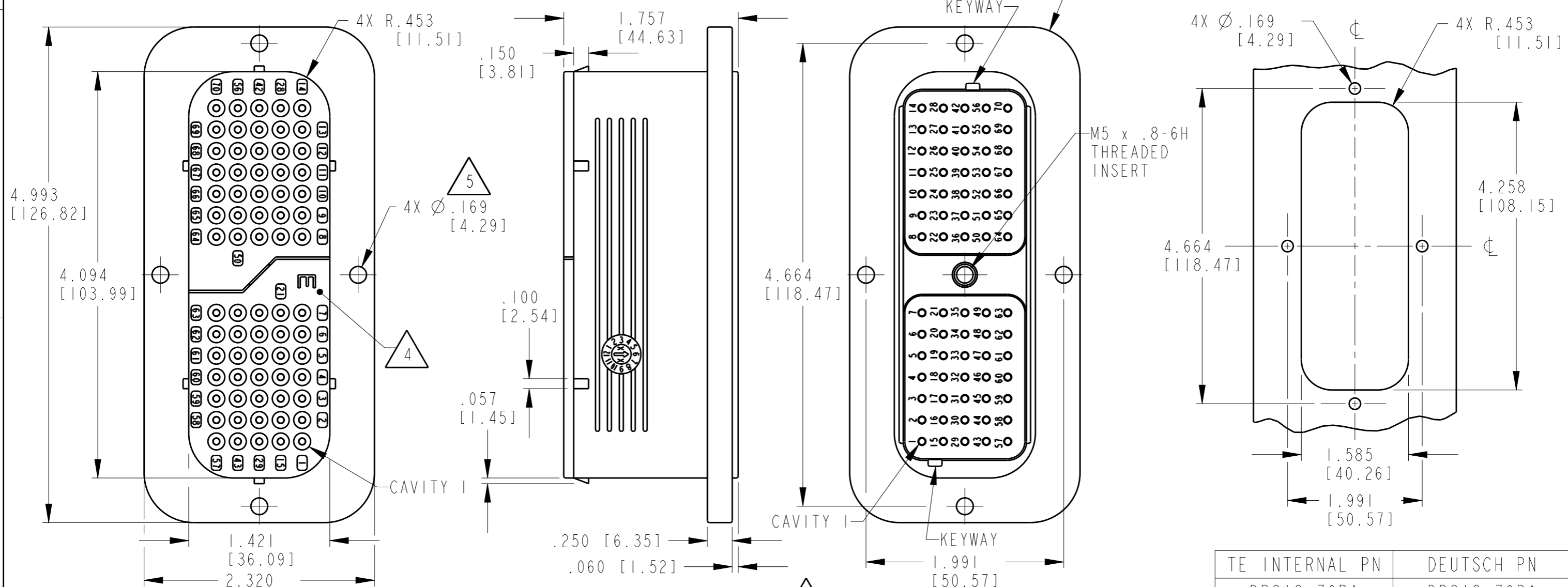


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| LOC | DIST | REVISIONS | | | |
|-----|------|-----------------------------|-----------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | E1 | REVISED PER ECO-13-013495 | 20JUN2013 | JA | DH |
| | F | REVISED PER PCN E-17-006278 | 13APR2017 | CM | DM |

| SEAL TYPE | CONTACT SIZE | MIN. INSUL. OD [mm] | MAX. INSUL. OD [mm] | WIRE RANGE [mm ²] REF ONLY |
|-----------|--------------|---------------------|---------------------|--|
| NORMAL | 16 | .100 [2.540] | .134 [3.404] | 14-18 AWG [2.0-.75] |
| E | 16 | .053 [1.346] | .120 [3.048] | 14-20 AWG [2.0-.50] |
| T | 16 | .088 [2.235] | .134 [3.404] | 14-20 AWG [2.0-.50] |



5. RECOMMENDED SCREW: 8-32 [M4]. TORQUE: 20-25 IN-LB [2.26-2.82 Nm].

4. WHEN X = E: LETTER "E" IDENTIFIES "E" WIRE SEAL.
 WHEN X = T: BROWN WELD CAPS IDENTIFIES "T" WIRE SEAL
 WHEN X = BLANK: IDENTIFIES "NORMAL" WIRE SEAL

3. THIS PART MATES WITH DRC16-70SAX-XXXX. (XXXX= ALL MODIFICATIONS) CONSULT FACTORY FOR MODS.

2. RECEPTACLE IS SUPPLIED WITH DUST CAP (NOT SHOWN).

NOTES: 1. DIMENSION TOLERANCE: CUTOUT: ±.010 [0.25].

6. MATERIAL:
 HOUSING: PPS GF40 (BLACK)
 GROMMET: VMQ (RED-ORANGE)
 THREADED INSERT: STAINLESS STEEL.

| | |
|----------------|-------------|
| TE INTERNAL PN | DEUTSCH PN |
| DRC12-70PA | DRC12-70PA |
| DRC12-70PAE | DRC12-70PAE |
| DRC12-70PAT | DRC12-70PAT |

| | | | | | |
|--|--|-----------------------------------|--|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN 20JUN2013 JAIME C. APOSTOL | | | |
| DIMENSIONS: INCHES [mm] | | CHK 20JUN2013 DANIEL HASIBUAN | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD 20JUN2013 DANIEL HASIBUAN | | NAME RECEPTACLE, FLANGED, 70 PIN KEY A | |
| 0 PLC ± | | PRODUCT SPEC 0425-015-0000 | | SIZE A3 | |
| 1 PLC ± | | APPLICATION SPEC 0425-015-0000 | | CAGE CODE 4AFU8 | |
| 2 PLC ± | | WEIGHT 192.71g | | DRAWING NO DRC12-70PAX | |
| 3 PLC ±.025 [.64] | | CUSTOMER DRAWING | | RESTRICTED TO - | |
| 4 PLC ± | | | | SCALE | |
| 4 PLG ANGLES ± | | | | SHEET OF | |
| MATERIAL | | | | REV F | |
| FINISH | | | | | |