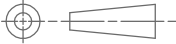


DRAWING NUMBER

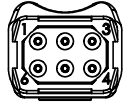
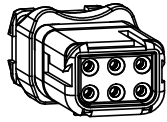
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A3

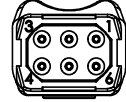
BS 8888
THIRD ANGLE
PROJECTION



IF IN DOUBT, ASK



SOCKET/FEMALE
CONTACT CAVITY
IDENTIFICATION ON REAR



PIN/MALE
CONTACT CAVITY
IDENTIFICATION ON REAR

NOTES:

1. MARKED WITH DEUTSCH PART No., DEUTSCH (HASTINGS) CAGE CODE AND DATE CODE.

PART NUMBER EXAMPLE:

D369 - R 6 6 - N S 1

BASIC PART No.

SHELL STYLE (R = INLINE RECEPTACLE)

SHELL SIZE

CONTACT QTY

(6 = 6 x #22's)

CONTACT CONFIGURATION 4.

CONTACT TYPE (P = PIN, S = SKT)

SHELL KEYING

2. PERFORMANCE:

TEMPERATURE RANGE : -55°C TO +175°C. INSULATION RESISTANCE : $\geq 5000 \text{ M}\Omega$.

DIELECTRIC WITHSTAND: 1000VRMS, <2mA. SEALING: 15KM(50000FT) ALTITUDE / IP67

DURABILITY : 500 MATING CYCLES MIN. FLUID RESISTANCE: I.A.W. EN2591-315.

FLAMMABILITY, SMOKE AND TOXICITY: I.A.W. FAR 25.853 APPENDIX F.

3. INSERTION/EXTRACTION TOOL (M81969/14-01 OR EQUIVALENT) SUPPLIED SEPARATELY.

| 4. Contact Configuration | Contact Description | Contact P/N (OR EQUIVALENT) | | Crimp Positioner | | Crimp Tool | 2:1 Wire Accommodation | Current Rating |
|--------------------------------|---------------------------------------|-----------------------------|-------------|------------------|-------------|-------------|------------------------------|----------------|
| | | Pin | Socket | Pin | Socket | | | |
| 0 | | NO CONTACTS SUPPLIED | | | | | | |
| 1 | CRIMP, COPPER WIRE | 38941-22 | 38946-22 | M22520/2-09 | M22520/2-06 | M22520/2-01 | 22-28 AWG | 5A (22 AWG) |
| 2 | CRIMP, ALUMINIUM WIRE | 200-1042-22 | 200-1142-22 | KAL2 | ALNP 22-A | | 22 AWG | 5A |
| 3 | CRIMP, COPPER WIRE (ENLARGED WIRE) | 182-0860-22 | 182-0862-22 | M22520/2-09 | M22520/2-06 | M22520/2-01 | 20-24 AWG | 5A (20 AWG) |

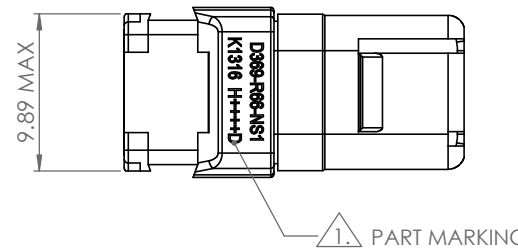
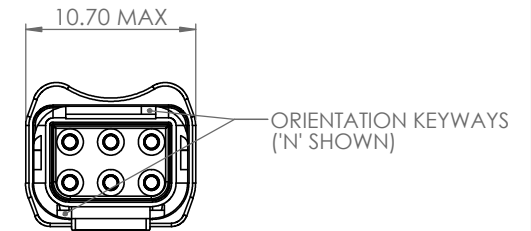
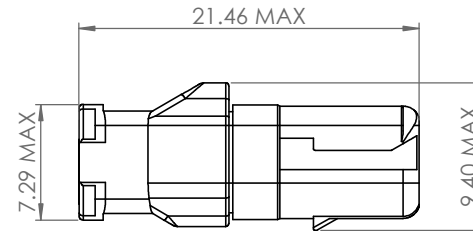
5. MATERIALS:

| COMPONENT | MATERIAL (FINISH: NONE IN ALL CASES) |
|-----------------------------|--|
| SEALS | SILICONE / FLUOROSILICONE BLEND RUBBER PER AMS-R-25988 TYPE II, CLASS I, GRADE 40 |
| BODY / INSERT COMPONENTS | POLYETHERIMIDE, 10% GLASS FILLED PER ASTM D 5205 or POLYETHERETHERKETONE, 450G, PER MIL-P-46183 TYPE I |

6. MAXIMUM WEIGHT (WITHOUT CONTACTS):

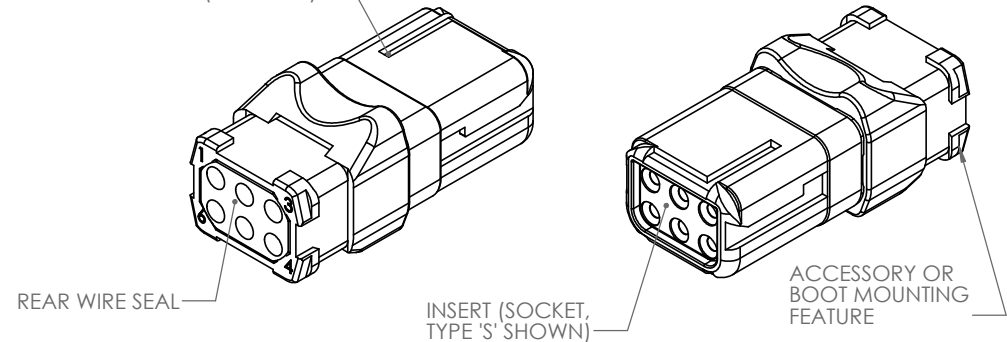
1.5g (SKT INSERT), 1.4g (PIN INSERT).

| | | | | | | |
|-------|-------------|-------|---------|-----------|----------------|------------|
| AB | DUK-65685 | RBC | HD | RBC | GLB | 11/06/2015 |
| ISSUE | CHANGE NOTE | DRAWN | CHECKED | APP. ENG. | APP. MARKETING | DATE |



SHELL KEYING

| ORIENTATION | COLOUR |
|-------------|------------|
| N | BLACK |
| A | DARK RED |
| B | DARK BLUE |
| C | DARK GREEN |
| D | YELLOW |

SHELL COLOUR IS KEYING
DEPENDENT (SEE TABLE)

MATERIAL

SEE NOTES
HEAT TREATMENT & FINISH

PACKAGING

SCALE

3:1

DIMENSIONS IN MILLIMETRES
UNLESS OTHERWISE STATED

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TITLE TYPE CUSTOMER DRAWING

D369 INLINE RECEPTACLE,
SIZE 6, 6 WAY

ST LEONARDS ON SEA, EAST SUSSEX, TN38 9RF
TEL. +44 (0)1424 852721

DRAWING NUMBER

611253-6-ENV