

PART NUMBERING SYSTEM OF CONNECTOR

DEUTSCH SERIES
04 = RCPT.
06 = PLUG
NUMBER OF CONTACTS:
2, 3, 4, 6, 8, 12, 48

DT 04 - 3 P * - ***
MODIFICATION
KEYING ARRANGEMENT A,B,C,D
(IF APPLICABLE)
P = PIN CONT.
S = SOCKET CONT.

REV

C

0425-017-0000

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED
NC	NEW RELEASE PER E.O. P15019	4/5/96	R.D.R.
A	REVISED PER E.O. P15959	3/10/99	R.D.R.
B	REVISED/REDRAWN PER E.O. P20100	3/26/09	R.D.R.
C	REVISED PER E.O. P21372	7-6-12	RDR

RECOMMENDED O.D. OF WIRE INSULATION FOR

CONTACT SIZE	MODIFICATION	WIRE RANGE	SEALING RANGE	SEAL IDENTIFICATION	SEAL DIA (REF)
#16	NONE	14-18 AWG	.088-.145 [2.23-3.68]	NONE	.050 [1.27]
#16	-C015	14-18 AWG	.053-.120 [1.35-3.05]	Ⓔ	.038 [0.96]

MATERIAL SPECIFICATIONS:

RECEPTACLE

HOUSING: GLASS FILLED NYLON
LOCK WEDGE: GLASS FILLED POLYESTER
GROMMET: SILICONE ELASTOMER

PLUG

HOUSING: GLASS FILLED NYLON
LOCK WEDGE: GLASS FILLED POLYESTER
GROMMET: SILICONE ELASTOMER
FRONT SEAL: SILICONE ELASTOMER

RECOMMENDED SOLID CONTACT PART NOS.
FOR SIZE 16 CAVITIES

PIN	SOCKET	FOR WIRE
0460-215-16141	0462-209-16141	14-16 AWG
0460-202-16141	0462-201-16141	16-18 AWG

RECOMMENDED STAMPED & FORMED CONTACT
PART NOS. FOR SIZE 16 CAVITIES

PIN	SOCKET	FOR WIRE
1060-14-0122	1062-14-0122	14-18 AWG
1060-16-0122	1062-16-0122	14-18 AWG

DIELECTRIC STRENGTH:

LESS THAN 2 MILLIAMPS AT 1500 VAC.

DIELECTRIC WITHSTANDING

VOLTAGE TEST:

SEA LEVEL 1500 VAC (RMS)

ARC RESISTANCE:

ALL DIELECTRIC MATERIALS
WITHSTAND A MINIMUM OF
130 SECONDS PER ASTM D-495

TEMPERATURE:

OPERATIVE AT TEMPERATURES
FROM -67° F TO +257° F
[-55° C TO +125° C]
AT RATED CURRENT

DURABILITY:

NO ELECTRICAL OR MECHANICAL
DEFECTS AFTER 100 CYCLES OF
ENGAGEMENT OR DISENGAGEMENT

PHYSICAL SHOCK:

NO UNLOCKING, UNMATING, OR OTHER
UNSATISFACTORY RESULT DURING OR
AFTER 50 G'S IN EACH OF 3
MUTUALLY PERPENDICULAR PLANES

VIBRATION:

MAINTAINS CONTINUITY AND EXHIBITS
NO MECHANICAL OR PHYSICAL DAMAGE
AFTER VIBRATION 20 G'S AT 10-2000 HZ

SUBMERSION:

PROPERLY WIRED AND MATED CONNECTION
WILL WITHSTAND IMMERSION UNDER
3 FEET OF WATER WITHOUT LOSS OF
ELECTRONIC QUALITIES OR LEAKAGE.

INSULATION RESISTANCE:

1000 MEGAOHMS MIN. AT 77° F [25° C]

SILICONE INSERT:

FRONT SEAL AND GROMMETS ARE
DEVOID OF ALL ORGANIC MATTERS

ADDITIONAL PARTS:

ATTACHMENT CLIPS (OPTIONAL)
PART NOS.

1011-026-0205 (SIZES #2,#3,#4,#6,#12)
1011-030-0205 (SIZES #2,#3,#4,#6,#12)
1011-355-0205 (SIZES #2,#3,#4,#6,#12)
1011-027-0805 (SIZE #8)
1011-031-0805 (SIZE #8)

LOCKING WEDGES (REQUIRED)

PART NOS.

FOR RECEPTACLES	FOR PLUGS	FOR P012 PLUGS
W2P	W2S	W2S-P012
—	W2SA	—
—	W2SB	—
—	W2SC	—
—	W2SD	—
W3P	W3S	W3S-P012
W3P-1939	W3S-1939	W3S-1939-P012
W4P	W4S	W4S-P012
—	W4SA	—
—	W4SB	—
—	W4SC	—
—	W4SD	—
W6P	W6S	W6S-P012
W8P	W8S	W8S-P012
W12P	W12S	W12S-P012

SEALING PLUG

PART NO.

114017
0413-217-1605 (LOCKING SEALING PLUG)

5. MODIFICATION MAY HAVE ADDITIONAL PERFORMANCE
AND APPLICATION SPECIFICATIONS.

4. THE COLOR OF THERMOPLASTIC MATERIAL MAY BE DIFFERENT
PER PARTICULAR MODIFICATION CODE.

3. FOR CONTACT AND WIRES PERFORMANCE AND APPLICATION
CHARACTERISTICS SEE ENVELOPE DRAWING 0425-015-0000.

2. DIMENSIONS ARE IN INCHES [MILLIMETERS].

NOTES: 1. THIS DATA SERVES AS AN ADDITIONAL INFO FOR
DT04-*** AND DT06-*** CONNECTORS.

SIGNATURE & DATE

DR V. TOMSA 1/31/96

CHK B. Synd 7/06/2012

PE R. Meyer 6/14/12

APPD S. Bund 2/5/12

SCALE NONE WT

PERFORMANCE AND
APPLICATION
CHARACTERISTICS OF
DT04-*** AND DT06-***
CONNECTORS

ENVELOPE

EP

MATL.
CODE

3850 INDUSTRIAL AVE.
HEMET, CA 92545

DEUTSCH
INDUSTRIAL

B

0425-017-0000

DWG
SIZECODE
11139

SHEET | OF |