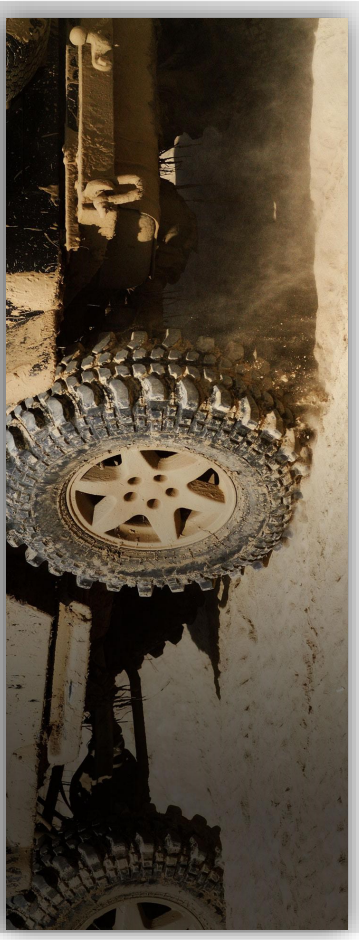
SCHEDA TECNICA

M 90205



mes connettori

componenti per il cablaggio

PART NUMBERING SYSTEM OF CONNECTOR

DT 04 - 3 2 a - ***

DEUTSCH SERIES: 04 = RCPT., 06 = PLUG

NUMBER OF CONTACTS: 2, 3, 4, 6, 8, 12, 48

P = PIN CONT., S = SOCKET CONT.

KEYING ARRANGEMENT A,B,C,D (IF APPLICABLE)

MODIFICATION

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	3/18/99	R.D.R.
B	REVISED/REDRAWN PER E.O. P20100	3/26/09	R.D.R.
C	REVISED PER E.O. P21372	2-6-12	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	.086-.145 [2.23-3.68]	NONE	.050 [1.27]
#16	-C015	14-18 AWG	.053-.120 [1.35-3.05]	E	.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)
1011-027-0005 (SIZE #8)
1011-031-0005 (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	2/16/2012
PE	6/14/12
APPD	2/15/12
SCALE NONE	WT

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

ENVELOPE

EP

MFL CODE

3850 INDUSTRIAL AVE.
HEMET, CA 92545

DEUTSCH INDUSTRIES

B 0425-017-0000

CODE | SHEET 1 OF 1