

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

© COPYRIGHTcopyright.d8TE CONNECTIVITY OCEANSIDE

ALL RIGHTS RESERVED.

PROPERTY OF TE CONNECTIVITY

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS CORPORATION AND ITS WORLDWIDE SUBSIDIARIES AND AFFILIATES (TE). IT MAY NOT BE DISCLOSED TO ANYONE, OTHER THAN TE PERSONNEL, WITHOUT AUTHORIZATION FROM TE (www.TE.com).

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REVISED PER ECO-16-000573	161007	SS	AT

MASTER KEY

ØB MAX.

X° REF.

BLUE INDICATOR STRIPE

A WRENCH FLANTS

Y° REF.

BLUE BAND COLOR

D ACCESSORY THREAD

ØC

E

1.260 MAX.

.085 MAX. INSERT PROTRUSION

DEUTSCH 8420 DIV48EII-05PN

CLOCKING	X° REF	Y° REF
N	110	250
A	100	260
B	90	270
C	80	280
K	70	290

DEUTSCH PART NO.	A ±.007	B MAX	C ±.003	D THREAD	E ±.007
DIV48x11-xxxx	.768	1.054	.506	M15X1.0-6g 0.100R	.095
DIV48x13-xxxx	.912	1.226	.631	M18X1.0-6g 0.100R	.095
DIV48x15-xxxx	1.037	1.351	.756	M22X1.0-6g 0.100R	.095
DIV48x17-xxxx	1.163	1.476	.882	M25X1.0-6g 0.100R	.095
DIV48x19-xxxx	1.287	1.586	1.006	M28X1.0-6g 0.100R	.095
DIV48x21-xxxx	1.412	1.711	1.131	M31X1.0-6g 0.100R	.125
DIV48x23-xxxx	1.537	1.836	1.256	M34X1.0-6g 0.100R	.125
DIV48x25-xxxx	1.662	1.964	1.381	M37X1.0-6g 0.100R	.125

4. THIS CONNECTOR CONFORMS TO DOC-C-38999/49.

3. FOR APPLICABLE KEYING DIAGRAM, AVAILABLE INSERT ARRANGEMENTS AND PANEL CUTOUT DIMENSIONS SEE MIL-DTL-38999 SERIES IV & ENVELOPE DRAWING NUMBER 1225-201-0000.

2. GENERAL SPECIFICATIONS: THIS CONNECTOR MEETS THE PERFORMANCE AND ENTERMATE-ABILITY REQUIREMENTS OF MIL-DTL-38999, SERIES IV, CLASS F.

MATERIAL/FINISH:

1 SELL - ALUMINUM ALLOY, NICKEL PLATED

CONTACTS - COPPER ALLOY, GOLD PLATED.

INSERTS - SILICON ELASTOMER AND RIGID DIELECTRIC PLASTIC.

NOTES: UNLESS OTHERWSIE SPECIFIED.

EXAMPLE OF PART NUMBER:

DIV 48 x x x - x x x x - x x x x x

MODIFICATION

POLARIZING POSITION (EXAMPLE N = NORMAL)

CONTACT STYLE (P=PIN, S=SOCKET)

INSERT ARRENGEMENT (PER MIL-STD-1560)

SHELL SIZE

CLASS E WITH MOD-023=OLIVE DRAB CADMIUM

CLASS E=NICKEL

SHELL STYLE RECEPTACLE IN-LINE

CONNECTOR SERIES MIL-DTL-38999, SERIES IV

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±1

1 PLC ±.01

2 PLC ±.0005

3 PLC ±.0005

4 PLC ±.0005

ANGLES ±5°

FINISH

MATERIAL SEE NOTE1

SEE NOTE1

DWN S SOTELO 161007

CHK E ALAWNEH 161007

APVD A TEJUNISSEN 161007

PRODUCT SPEC D38999/48

APPLICATION SPEC

WEIGHT

Customer Drawing

NAME RECEPTACLE IN-LINE, BREECH COUPLING DEUTSCH MIL-DTL-38999 SERIES IV CONNECTOR, ENVELOPE.

SIZE A211138

CAGE CODE C-DIV48xxx-xxxx

DRAWING NO

RESTRICTED TO

SCALE 1.1

SHEET 1 OF 1

REV A

1471-9 (3/13)