

4

3

2

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2017

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SEAL TYPE	CONTACT SIZE	MIN. INSUL. OD [mm]	MAX. INSUL. OD [mm]	WIRE RANGE [mm ²] REF ONLY
3	NORMAL	.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]

1.421
[36.09]

4.094
[103.99]

CAVITY I

3

M4 HEX

1.643
[41.73]

.150
[3.81]

.057
[1.45]

M5 X .8-6g
RETAINING BOLT

INTERFACE SEAL

DEUTSCH 1PD
DRC16-70SA
USA

6

KEY

.100 TYP
[2.54]

CAVITY I

KEY

5. MATERIAL:
PLUG: PPS GF40 (BLACK)
SEAL/GROMMET: VMQ (RED-ORANGE)
BOLT/CLIP: STAINLESS STEEL.

4. MATING TORQUE REQUIREMENT: 25-28 IN-LB [2.82-3.16 Nm].

3. WHEN X = E: LETTER "E" IDENTIFIES "E" WIRE SEAL.
WHEN X = BLANK: IDENTIFIES "NORMAL" WIRE SEAL (NOT SHOWN).

2. THIS PLUG MATES WITH DRC12-70PAX-XXXX; DRC13-70PA-XXXX;
DRC14-70PAX-XXXX.
(XXXX= ALL MODIFICATIONS) CONSULT FACTORY FOR MODS.

1. PLUG IS SUPPLIED WITH DUST CAP (NOT SHOWN).

NOTES:

6

WEB SEAL HOLES MAY NOT BE COMPLETELY ALIGNED TO
THE HOLES OF CONNECTOR BODY.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES [mm]

5

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±.025 [0.64]
4 PLC ±
ANGLES ±0°30'0"
FINISH -

MATERIAL

DWN D.MEYER 12MAR1999

CHK B.BYFORD 15APR2002

APVD R.REED 15APR2002

PRODUCT SPEC 0425-015-0000

APPLICATION SPEC 0425-015-0000

WEIGHT 154.1 g

CUSTOMER DRAWING

NAME PLUG CONNECTOR DRC 70 SERIES
KEY ARRANGEMENT -A-

SIZE A3

CAGE CODE 4AFU8

DRAWING NO C-DRC16-70SAX

RESTRICTED TO -

SCALE 1:1

SHEET 1 OF 1

REV FI

TE

TE Connectivity

P	LTR	DESCRIPTION	DATE	DWN	APVD
	F	REVISED PER PCN E-17-009091	13MAY2017	CM	DM
	FI	REVISED PER PCN-25-244386	14MAY2025	JT	EC

1470-19 (3/13)