



DEUTSCH DBAS SERIES CONNECTORS

Normes SAE/AS81703 Serie III, UTE 93422
model HE 311

Extreme Reliability in Harsh Aerospace & Military Applications

DEUTSCH DBAS Series

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SECTION 1 : DBAS 7 Series connectors

SECTION 2 : DBAS 7 - ESA/SCC QPL connectors



Overall dimensions and characteristics are given for indication guidance only. We reserve the right to modify them for production improvement reasons.

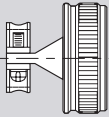
Les côtes d'encombrements ainsi que les caractéristiques ne sont données qu'à titre indicatif. Nous nous réservons le droit de les modifier dans le souci d'améliorer la fabrication.

ACCESSORIES / ACCESSOIRES

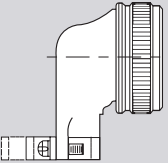
Nut
Ecrou



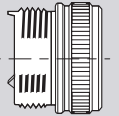
059 Straight cable clamp
Serre-câble droit



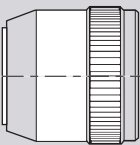
081 90° cable clamp
Serre-câble coudé



A 140 Adaptor
Ecrou prolongateur

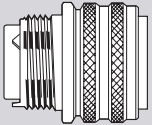


A 083 Potting cup
Coupelle potting

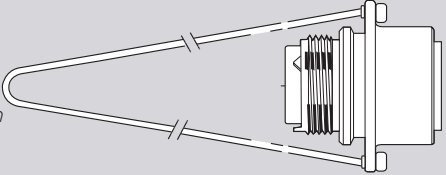


PLUG / FICHE

DBAS 76 Feel-control locking plug
Fiche à contrôle sensitif du verrouillage

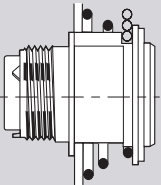


DBAS 78 Plug with heavy duty lanyard
Avec cordon de largage renforcé



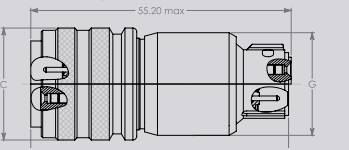
RACK & PANEL CONNECTOR / PRISE DE RACK

DBAS 79 Rack and Panel
Prise rackable



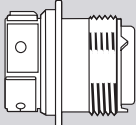
SAVERS / SAVERS

DBAS 172 / DBAS 171

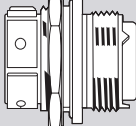


RECEPTACLES / EMBASES

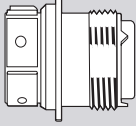
DBAS 70 Square flange 4 holes mounting
Collerette carrée fixation 4 vis



DBAS 74 Jam-nut mounted receptacle
Collerette ronde fixation écrou

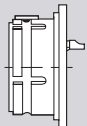


DBAS 71 Cable connecting receptacle
Prolongateur

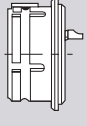


HERMETICAL RECEPTACLES / EMBASES HERMÉTIQUES

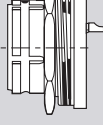
DBA 70H
DBC 70H Square flange 4 holes mounting
Collerette carrée fixation 4 vis



DBA 73H
DBC 73H Solder flange
Collerette à souder

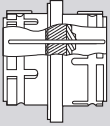


DBA 74H
DBC 74H Jam-nut mounted receptacle
Collerette ronde fixation écrou

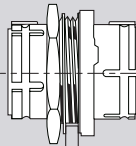


HERMETIC FEEDTHROUGH / TRAVERSÉES DE CLOISON HERMÉTIQUES

DHS 70H Square flange 4 holes mounting
Collerette carrée fixation 4 vis



DHS 74H Jam-nut mounted receptacle
Collerette ronde fixation écrou

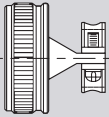


ACCESSORIES / ACCESSOIRES

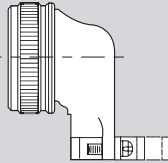
Nut
Ecrou



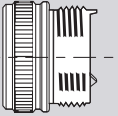
059 Straight cable clamp
Serre-câble droit



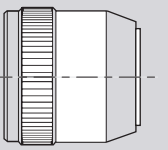
081 90° cable clamp
Serre-câble coudé



A 140 Adaptor
Ecrou prolongateur



A 083 Potting cup
Coupelle potting



DEUTSCH DBAS Series

Part numbering system / Système de référence

	DBAS	76	G	27	13	P	N	8	DA	****
Connector type / Type de connecteur										
Shell type 70 Square flange receptacle with nut 71 Cable connecting receptacle with nut 74 Jam-nut mounting receptacle with nut 76 Feel-control locking plug with nut 78 Plug with heavy duty lanyard and nut 79 Rack and panel with nut Type de boîtier 70 Embase collerette carrée avec écrou arrière 71 Prolongateur avec écrou arrière 74 Embase collerette ronde avec écrou arrière 76 Fiche à contrôle sensitif du verrouillage avec écrou arrière 78 Fiche avec cordon de largage renforcé et écrou arrière 79 Prise de rack avec écrou arrière										
Grounding continuity index (only for plugs) Without Index: no RFI fingers on shells 76 - 78 - 79 With G Index : with RFI fingers on shells 76 - 78 - 79 With GR Index : with RFI fingers on shell 78 + increased minimum release force Indice continuité de masse (pour fiches uniquement) Sans indice : sans couronne de masse sur boîtiers 76 - 78 - 79 Avec indice G : avec couronne de masse sur boîtiers 76 - 78 - 79 Avec indice GR : avec couronne de masse sur boîtiers 78 + effort minimum de déverrouillage augmenté										
Shell size / Taille du boîtier 3-7-12-19-27-37-61										
Arrangements (See page / voir pages 16-17)										
Contact type / Type de contact P Pin contact / Contact mâle S Socket contact / Contact femelle										
Insert clocking position / Positionnement angulaire de l'isolant N Normal W - X - Y - B - C Others / Autres (See page / voir page 14)										
Index for contacts / Indice pour contacts* (See page / voir pages 43-45-46)										
Key orientation / Détrompage mécanique (See page / voir page 15)										
Special modifications / Modifications spéciales (See page / voir page 18)										

* Micro-coax sizes 16 and 12 available (see pages 45 and 46)./ Possibilité d'utiliser des micro-coax de tailles 16 et 12 (voir pages 45 et 46)

DEUTSCH DBAS Series

Part numbering system / Système de référence

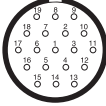
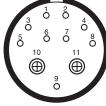
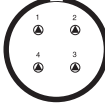
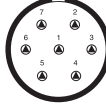
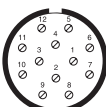
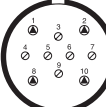
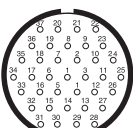
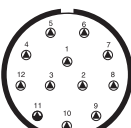
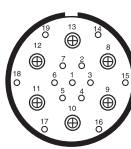
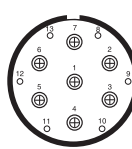
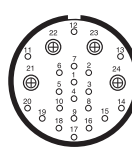
	DBA	70	H	27	2	P	N	1	DA	****
Connector type DBA Stainless steel hermetic receptacle, solder contact DBC Hermetic receptacle, solder contact DHS Feedthrough Type de connecteur DBA Embase hermétique inox, contact à souder DBC Embase hermétique, contacts à souder DHS Traversée de cloison										
Shell type 70 Square flange receptacle 73 Solder flange receptacle 74 Jam-nut mounted receptacle Type de boîtier 70 Embase collerette carrée 73 Embase collerette à souder 74 Embase collerette ronde										
Hermetic / Hermétique										
Shell size / Taille du boîtier 3-7-12-19-27-37-61										
Arrangements (See pages / voir pages 16-17)										
Contact type P Male contact S Female contact PP Male/male contact PS Male/Female contact Type de contact P Contact mâle S Contact femelle PP Contact mâle / mâle PS Mâle/Femelle contact										
Insert clocking position / Positionnement angulaire de l'isolant N Normal W - X - Y - B - C Others / Autres (See page / voir page 14)										
Index for contacts / Indice pour contacts* (See page / voir page 43-45-46)										
Key orientation / Détrompage mécanique (See page / voir page 15)										
Special modifications / Modifications spéciales (See page / voir page 18)										

* Micro-coax sizes 16 and 12 available (see pages 45 and 46). Possibilité d'utiliser des micro-coax de tailles 16 et 12 (voir pages 45 et 46)
● Only for DHS. Uniquement pour DHS.

DEUTSCH DBAS Series

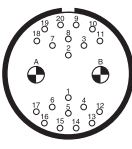
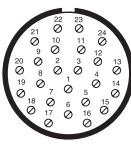
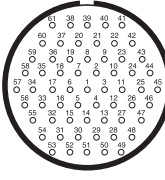
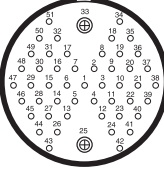
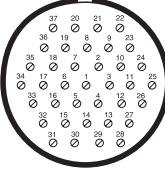
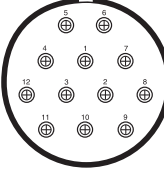
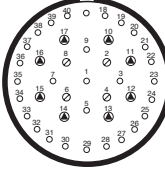
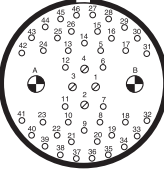
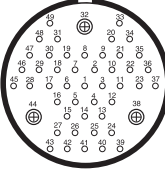
Arrangements / Arrangements

Male insert viewed from front face / Vue face avant isolant mâle

3-0 3 contacts size/taille 20	3-01 1 contact size/taille 8	7-0 7 contacts size/taille 20	12-0 12 contacts size/taille 20
			
			
			
			
			

* Hermetic, consult us. *Hermétiques, nous consulter.*

DEUTSCH DBAS Series

37-922 20 contacts size/taille 20 2 contacts size/taille 6	37-924 24 contacts size/taille 16	37-961 61 contacts size/taille 22	61-0 61 contacts size/taille 20
			
			
			

* Hermetic, consult us. *Hermétiques, nous consulter.*

Mouser Electronics

Authorized Distributor

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TE Connectivity:

[DBA70-61-14PB](#) [DBA70-37-0PW](#) [DBA74-19-4SN-081](#) [DBA70-27-0SN](#) [DBA70-37-0SN](#) [DBA70H-27-0PN](#) [DBA70-12-0PN](#) [DBA74-19-7PN](#) [DBA70-27-2SN](#) [DBA70-61-0SN](#) [DBA70-12-0SN](#) [DBA70-37-0PW-090](#) [DBA74-27-2PN-081](#) [DBA70-27-0PN-090](#) [DBA70-37-0PN](#) [DBA74-19-4PN-081](#) [DBA70-27-0SN-090](#) [DBA74-7-0SN-059](#) [DBA70-37-0SN-090](#) [DBA70-19-0PN](#) [DBA70-19-7SY](#) [DBA74-61-14PN-081](#) [DBA74-12-0PN-081](#) [DBA70-27-2PN-090](#) [DBA70-19-7PB](#) [DBA70-27-5PN](#) [DBA70-19-7PY](#) [DBA74-19-0SN](#) [DBA70-61-14PY](#) [DBA74-3-0SN-059](#) [DBA74-19-0SY](#) [DBA70-61-0PN](#) [DBA70-19-0SN](#) [DBA70-27-2SN-090](#) [DBA70-19-7PN](#) [DBA70-61-14PN](#) [DBA70-27-2PN](#) [DBA74-27-0PN-059](#) [DBA74-37-0SN](#) [DBA74-37-0PN](#) [DBA70-27-0PN](#) [DBA70-37-0SW](#) [DBA70-27-5SN](#) [DBA74-27-0PW-059](#) [DBA70H-12-0PN-1H](#) [DBA74-27-0SN-059](#) [DBA70-3-0PN](#) [DBA74-3-0PN](#) [DBA70-19-7SN](#)