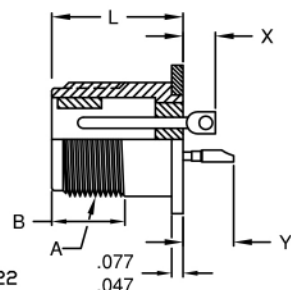
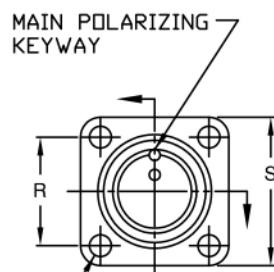


MINIATURE HERMETIC ELECTRONIC CONNECTORS-DS SERIES

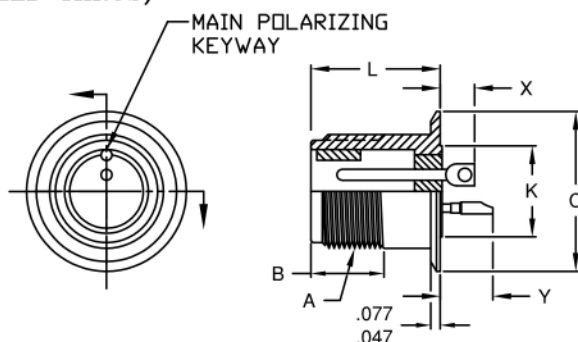
MIL-DTL-5015 TYPE, COMMERCIAL EQUAL HERMETIC GLASS-TO-METAL SEALED (VACUUM / PRESSURE FEED THRS)



.120 $\pm$.005 - SHELL SIZES 8 THRU 22
.147 $\pm$.005 - SHELL SIZE 28

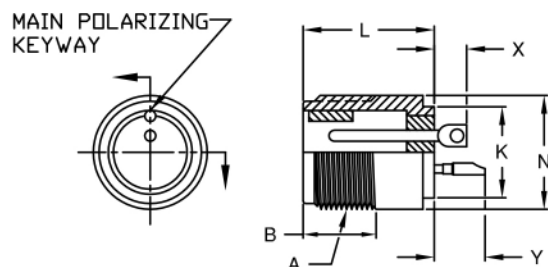
DS02H - 111 SQUARE FLANGE MOUNT CONNECTORS (MS3142 CLASS H TYPE)

PART NO.	S $\pm$.031	R T.P. C-C	L MAX.	B MIN. THD.	A THREAD CLASS-2A †
DS02H-10SL-* -111	1.000	.719	.730	.375	.625-24 UNEF
DS02H-12S-* -111	1.094	.812	.730	.375	.750-20 UNEF
DS02H-14S-* -111	1.188	.906	.730	.375	.875-20 UNEF
DS02H-16S-* -111	1.281	.969	.730	.375	1.000-20 UNEF
DS02H-18-* -111	1.375	1.062	.915	.625	1.125-18 UNEF
DS02H-20-* -111	1.500	1.156	.915	.625	1.250-18 UNEF
DS02H-22-* -111	1.625	1.250	.915	.625	1.375-18 UNEF
DS02H-28-* -111	2.000	1.562	.915	.625	1.750-18 UNS
CONTACT SIZE 16		X MAX. .219		Y MAX. .375	



DS02H - 251 ROUND FLANGE MOUNT CONNECTORS (MIS3143 CLASS H TYPE)

PART NO.	K $\pm$.010	C $\pm$.010	L MAX.	B MIN. THD.	A THREAD CLASS-2A †
DS02H-10SL-* -251	.490	.875	.730	.375	.625-24 UNEF
DS02H-12S-* -251	.646	1.000	.730	.375	.750-20 UNEF
DS02H-14S-* -251	.709	1.125	.730	.375	.875-20 UNEF
DS02H-16S-* -251	.834	1.250	.730	.375	1.000-20 UNEF
DS02H-18-* -251	.959	1.375	.915	.625	1.125-18 UNEF
DS02H-20-* -251	1.146	1.500	.915	.625	1.250-18 UNEF
DS02H-22-* -251	1.240	1.625	.915	.625	1.375-18 UNEF
DS02H-28-* -251	1.615	2.000	.915	.625	1.750-18 UNS
CONTACT SIZE 16		X MAX. .219		Y MAX. .375	



DS02H - 001 FLANGELESS MOUNT CONNECTORS

PART NO.	K $\pm$.010	N +.000 -.062	L MAX.	B MIN. THD.	A THREAD CLASS-2A †
DS02H-10SL-* -001	.490	.656	.730	.375	.625-24 UNEF
DS02H-12S-* -001	.646	.782	.730	.375	.750-20 UNEF
DS02H-14S-* -001	.709	.906	.730	.375	.875-20 UNEF
DS02H-16S-* -001	.834	1.032	.730	.375	1.000-20 UNEF
DS02H-18-* -001	.959	1.156	.915	.625	1.125-18 UNEF
DS02H-20-* -001	1.146	1.282	.915	.625	1.250-18 UNEF
DS02H-22-* -001	1.240	1.406	.915	.625	1.375-18 UNEF
DS02H-28-* -001	1.615	1.782	.915	.625	1.750-18 UNS
CONTACT SIZE 16		X MAX. .219		Y MAX. .375	

* ADD DESIRED INSERT ARRANGEMENT.

▼ INSERT ARRANGEMENT IS SHOWN IN NORMAL POSITION.

† AFTER PLATING, SUBJECT TO ACCEPTANCE USING A BASIC CLASS 3A GO GAGE.

OTHER SHELL SIZES, PIN PATTERNS AND INSERT POSITIONS MAY BE AVAILABLE - CONSULT FACTORY.

MATERIAL: STANDARD IS CRS SHELL, 52 NICKEL ALLOY PINS AND NO INTERFACIAL SEAL.

STANDARD PIN IS EYELET TYPE. OTHER PIN TYPES ALSO AVAILABLE

(SOLDER CUP, STRAIGHT, THERMOCOUPLE) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.

OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

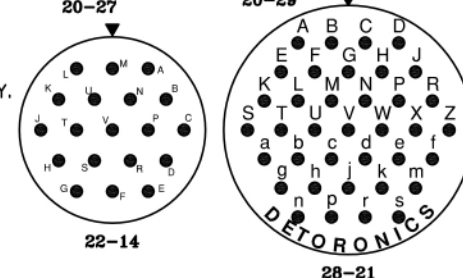
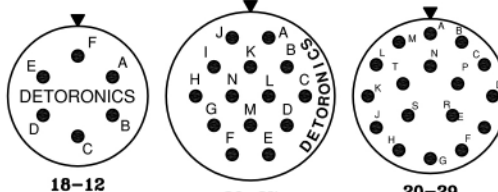
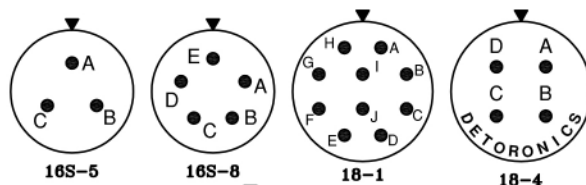
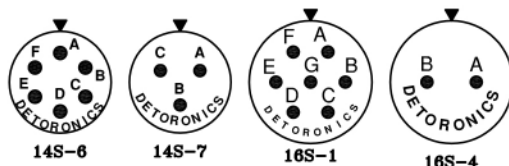
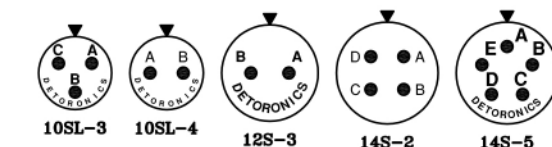
OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-5015 AND MS3106.

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1x10⁻⁶ CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: -67°F TO +347°F (-55°C TO +175°C)



ENGAGING FACE PIN INSERTS

Detoronic Corporation

13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670

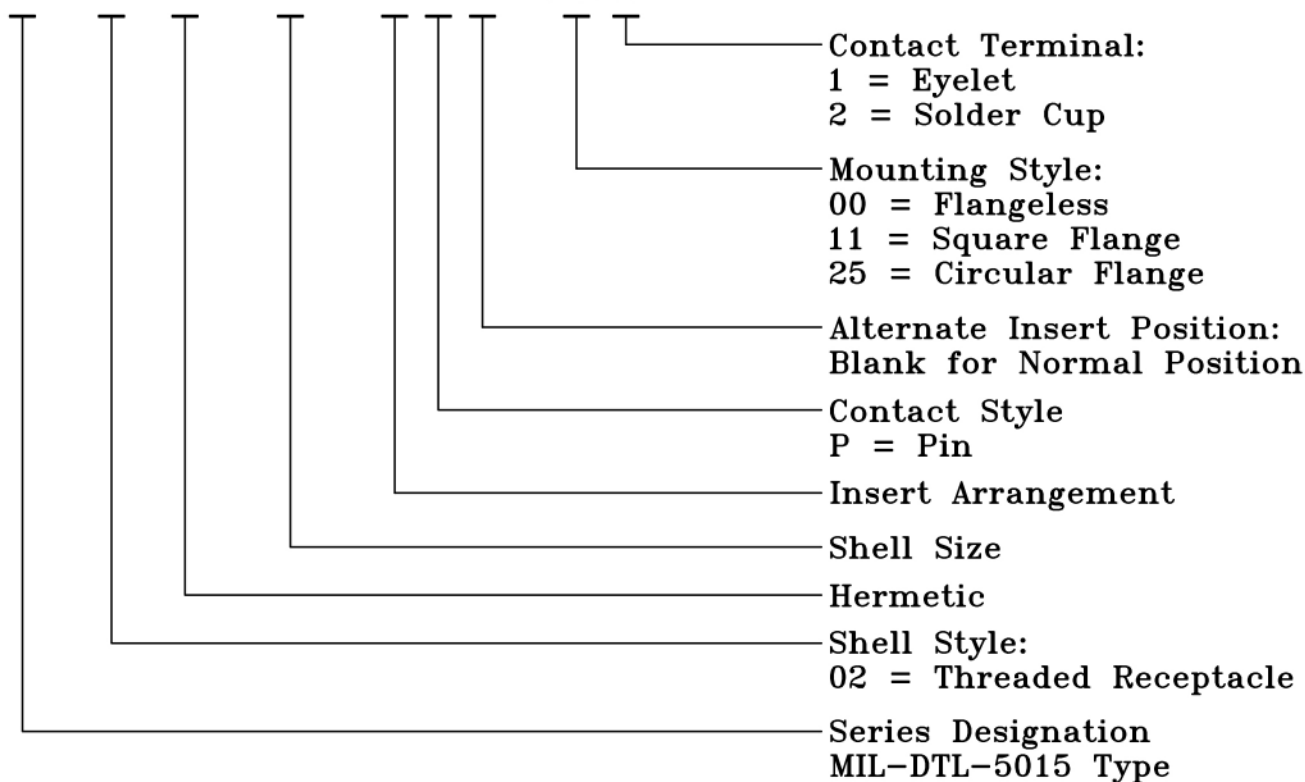
TELE: (626) 579-7130 FAX: (626) 579-1936

www.detoronic.com

MIL-DTL-5015 TYPE, DS SERIES
(COMMERCIAL EQUAL - HERMETIC)

PART NUMBERING SYSTEM

DS 02 H-16S-1 P*-111



GENERAL SPECIFICATIONS

MATERIAL

Shell, Key and Flange: Carbon Steel
Pins: 52 Nickel Alloy
Seals: None
Insulator: Glass

CURRENT RATING

Size 20: 5 AMPS
Size 16: 10 AMPS

AIR LEAKAGE

1x10⁻⁶ CM³/SEC AT 15psi

INSULATION RESISTANCE

5,000 megohms AT 500VDC

OPERATING TEMPERATURE

-67°F TO +347°F (-55°C TO +175°C)

STANDARD PIN IS EYELET TYPE. OTHER PIN TYPES ALSO AVAILABLE
(SOLDER CUP, STRAIGHT, THERMOCOUPLE) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.
OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET
THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-5015 AND MS3106.

Detoronics Corporation

13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670
TELE: (626) 579-7130 FAX: (626) 579-1936
www.detoronics.com