

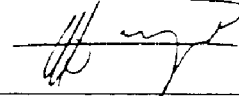
CONNECTOR - RECTANGULAR, PLUG

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1 Scope and field of application

This standard describes an unsealed rectangular plug used with front release female crimp-type contact, for use in pressurized zone. This connector does not possess any polarizing system.

2 Reference

2.1 Associated items and documents

ABS0063 : Female crimp-type contact.

3 Required characteristic

3.1 Configuration - Dimensions - Mass.

3.1.1 Configuration shall be in accordance with figure 1.

3.1.2 Dimensions shall conform with figure 1 and table 1.

3.1.3 Mass shall be in accordance with table 1.

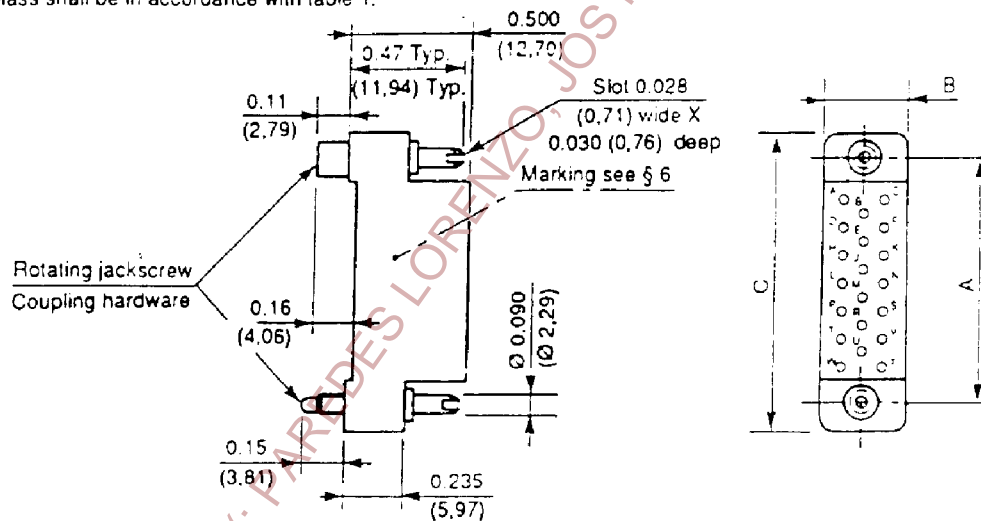


Figure 1 - Configuration

Table 1 - Dimensions, mass

A	B	C	MASS g
0.814 (20,68)	0.280 (7,11)	1.060 (26,92)	3

Dimensions in inch (mm)

3.2 Material

Insulator : Glass filled.

Jackscrew system : Stainless steel.

3.3 Electrical characteristic

Table 2

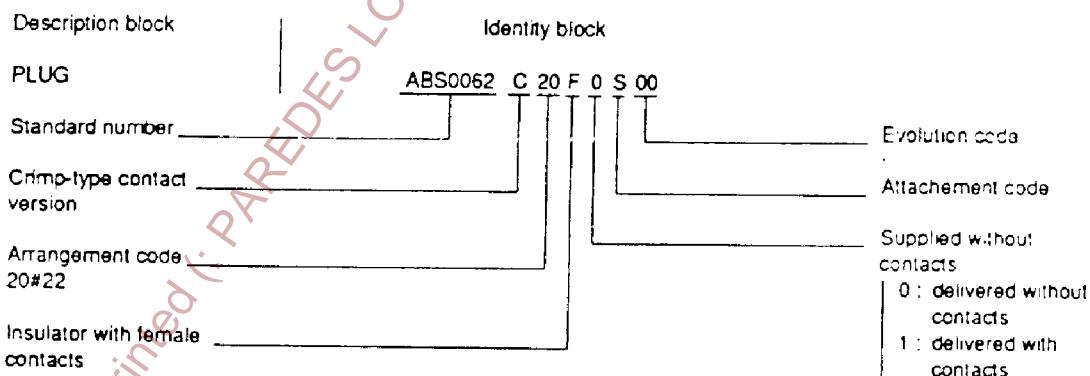
CURRENT RATING PER CONTACT (A)	OPERATING VOLTAGE (V rms)	DIELECTRIC STRENGTH AT SEA LEVEL (V rms)	CONTACT RESISTANCE (mΩ)	INSULATION RESISTANCE (M Ω)
5	250	1 000	12	5 000

3.4 General characteristic

- Operating temperature : -55 °C to +135 °C.
- Contact retention in insulator : 26,5 N min.
- Coupling hardware tightening torque : 1 to 1,2 mN.
- Mechanical life : 500 matings.
- Maximum permitted overall cable diameter : 1,1 mm max.

4 Designation

Each plug shall only be designated as in following example :



5 Marking

- Manufacturer's part number.
- Manufacturer's name or trademark.
- Date code.

6 Technical specification

MIL-C-28748.