

MIL-C-38999 Series I Explanation

MIL-C-38999 Series I

Part Number Explanation: MS27466 T 17 F 26 P A

Below are the explanations for each or the coloured sections of the part number.

Shell Type

Code	Description	Available Class
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MS27466	Wall Mount Receptacle	E*, P, T
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MS27467	Straight plug, EMI grounding	E*, P, T
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MS27468	Jam nut receptacle	E*, P, T
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MS27469	Hermetic wall mount receptacle	Y
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MS27470	Hermetic jam nut receptacle	Y
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MS27471	Hermetic solder mount receptacle	Y
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MS27496	Box mount receptacle	E
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MS27498	Superseded by MS27467 with M85049/47 backshell	E
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MS27505	Box Mount Receptacle, rear panel mounting	
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E

MS27515
Superseded by MS27656
E*, T

MS27652

Superseded by MS27466

E*, T

MS27653
Superseded by MS27467
E*, T

MS27654
Superseded by MS27656
E*, T

MS27656
Wall mount receptacle, rear panel mounting
E*, P, T

MS27661
Straight plug, lanyard release
E*, T

MS27662
Thru-bulkhead receptacle
E

* Inactive for new design. Use Class T.

Class

Code
Description

E

Environmental, may or may not have teeth or rear of shell. Current for MS27496, MS27505, and MS27662. Inactive for new design for all others. Use Class T.

P

Potting, includes potting boot and short rear grommet. Inactive for new Air Force design.

T

Environmental, with teeth on rear of shell, less rear hardware.

Y

Hermetic

Shell Size

9, 11, 13, 17, 19, 21, 23, 25

Material & Finish

Code
Material
Finish
Temp Range

A
Aluminum

Bright or gold cadmium over nickel
-65° C to +150° C

B
Aluminum

Olive drab cadmium over nickel
-65° C to +175° C

C
Aluminum

Non-conductive anodize

-65° C to +200° C

D
Steel
Fused tin, class Y only
-65° C to +150° C

E
Stainless Steel
Passivated, class Y only
-65° C to +200° C

F
Aluminum

Electroless nickel
-65° C to +200° C

N
Stainless Steel
Electro deposited nickel
-65° C to +200° C

Insert Configurations 87.68 Kb

Contact Style

A - Connector less pin contacts.

B - Connector less socket contacts.

C - Feed-thru contacts. Used on MS27662 only.

H - Pin contacts, 1500 cycles.

J - Socket contacts, 1500 cycles.

P - Pin contacts, 500 cycles (crimp and hermetic with solder cups).

S - Socket contacts, 500 cycles (crimp and hermetic with solder cups).

X - Pin with eyelet (hermetic only).

Z - Socket with eyelet (hermetic only).

N.B. All shell types, receptacles and plugs, are available with either male pins or female socket contacts

Polarization

Blank - Normal

Rotations 53.38 Kb