

## Relay Socket Cross Reference Chart

Military Relay P/N	Military Socket P/N	APCD Socket P/N	Relay Type	Pg.
M83536/15-002 M83536/16-006, -014, -031, -034 M83726/1, /2, /3, /4, /28, /29, /30, /31* MS27709-2	M12883/40-01 M12883/40-05 M12883/40-07 M12883/40-11 M12883/40-13 M12883/40-17 M12883/40-19 M12883/40-23	RSL116079 RSL116087 RSL116051 RSL116059 RSE116661 RSE116669 RSE116673 RSE116681	4 Pole / 10 Amp	8-9
M83536/17-002, 17-005	M12883/40-02 M12883/40-08 M12883/40-14 M12883/40-20	RSL116081 RSL116053 RSE116663 RSE116675	4 Pole / 10 Amp	8-9
M83536/18-002, -005, -008, -012 M83536/19-002, -005, -008, -012 M83536/20-002	M12883/40-06 M12883/40-12 M12883/40-18 M12883/40-24	RSL116089 RSL116061 RSL116671 RSE116683	4 Pole / 10 Amp	8-9
Leach Corp. KA-D4E & J	M12883/40-04 M12883/40-10 M12883/40-16 M12883/40-22	RSL116085 RSL116057 RSE116667 RSE116679	4 Pole / 10 Amp	8-9
Leach Corp. JA-D4E & J	M12883/41-03 M12883/41-08 M12883/41-13 M12883/41-18	RSL116095 RSL116067 RSE116689 RSE116699	2 Pole / 10 Amp	10-11
M83536/9, -006, -015, -024, -035 M83536/10-006,-015,-024, -034,-038	M12883/41-01 M12883/41-04 M12883/41-06 M12883/41-09 M12883/41-11 M12883/41-14 M12883/41-16 M12883/41-19	RSL116091 RSL116097 RSL116063 RSL116069 RSE116685 RSE116691 RSE116695 RSE116701	2 Pole / 10 Amp	10-11
M83536/11-002, 004, 007	M12883/41-02 M12883/41-07 M12883/41-12 M12883/41-17	RSL116093 RSL116065 RSE116687 RSE116697	2 Pole / 10 Amp	10-11
M83536/13-002, 005, 008, 012 M83536/14-002	M12883/41-05 M12883/41-10 M12883/41-15 M12883/41-20	RSL116099 RSL116071 RSE116693 RSE116703	2 Pole / 10 Amp	10-11
M83536/5-006,-014, -022, -030 M83536/2-006,-015,-024,-035	M12883/44-01	RSE120151	4 Pole / 5 Amp	12
M83536/7-022	M12883/44-02	RSE120153	4 Pole / 5 Amp	12
M6106/38-002	M12883/45-04	RSE120165	2 Pole / 5 Amp	13-14
M83536/1-006,-015,-024,-033 M83536/2-006,-015,-024,-035	M12883/45-01	RSE120159	2 Pole / 5 Amp	13-14
M6106/40-002	M12883/46-02	RSE116749	3 Pole / 5 Amp	15
M83536/21-006, -014, -022, -030 M83536/22-006, -014, -022, -031	M12883/46-01	RSE116747	3 Pole / 10 Amp	15
M83536/25-002 M83536/26-002	M12883/47-01 M12883/47-04 M12883/47-07 M12883/47-10	RSE116755 RSE116761 RSL116101 RSL116073	6 Pole / 10 Amp	16
M6106/27-002	M12883/47-02 M12883/47-05 M12883/47-08 M12883/47-11	RSE116757 RSE116763 RSL116103 RSL116075	6 Pole / 10 Amp	16
MS27743-06, -12, -18, -24	M12883/48-01 M12883/48-02 M12883/48-03 M12883/48-04	RSE112061 RSE112063 RSL112105 RSL112101	3 Pole / 25 Amp	17

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MS27743-09, -15, -21, -27	M12883/48-05 M12883/48-06 M12883/48-07 M12883/48-08	RSE112065 RSE112067 RSL112107 RSL112103	3 Pole / 25 Amp	17
M83536/2-028, M83726/24, /25	M12883/52-001	RSE116175	Track Mount	18
M83536/6-025	M12883/52-002	RSE116185	Track Mount	18
MS27742-2	M12883/54-04	RSE116635	3 Pole / 25 Amp	19
M6106/12-002	M12883/54-03	RSE116629	3 Pole / 25 Amp	19
M6106/13-002,-008,-011,-013,-015	M12883/54-01	RSE116627	3 Pole / 25 Amp	19
M6106/13-004	M12883/54-02	RSE116631	3 Pole / 25 Amp	19
M6106/19-004,-007,-012,-017,-022	M12883/55-01, M12883/55-02	RSE112035, RSE112036	1 Pole / 25 Amp	20
M6106/20-002	M12883/55-03	RSE112044	1 Pole / 25 Amp	20

## Relay Sockets Overview

MIL-PRF-12883

Amphenol Pcd offers the industry's broadest line of pluggable relay sockets for commercial and military airborne, ground and shipboard equipment. Sockets are made to MIL-PRF-12883 specifications, plus specialized requirements, and are supplied in a broad range of military standard and special configurations and styles for 2 through 25 amp operations. Amphenol Pcd Relay Sockets feature state-of-the-art ultrasonically bonded interfaces between the dielectric components, which eliminate air paths and provide protection against moisture and degradation.

### Low Profile

Low Profile Relay Sockets are provided in all military configurations, are configured to a minimum size and weight, and accept the MIL-C-39029/92 contact family.

### Extended Height

Extended Height Sockets are configured to accept the longer MIL-C-39029/5 contact - which is standard on many cylindrical connectors and other avionics interconnect systems - and allow contact standardization.

### Mounting Hardware

Sockets are available with either fixed or loose mounting studs. Studs and hardware supplied with standard Amphenol Pcd QPL-listed sockets are made from cold rolled steel. Stainless steel is available as an alternate. To specify stainless steel, an "S" is added to both the QPL number and the Amphenol Pcd catalog number.

### Mounting Style

Relay sockets can be top or bottom mounted. See page 24 for mounting instructions.

### Polarization

Relay-to-socket positive polarization is provided by specific contact configurations and/or polarizing pins, in accordance with MIL-Spec requirements.

### Contacts

Closed entry socket contacts qualified to MIL-C-39029 are used and supplied with Amphenol Pcd Relay Sockets. Note: Relay Socket catalog numbers include the appropriate number of contacts as defined in the applicable military specification.