

Connector, Plug, Electrical

5935-00-059-2839

NSN 5935-00-059-2839 · NIIN 000592839 · Part number PC01E-12-10S(SR)

Amphenol Corp Div Amphenol Aerospace Operations · FSC 5935 — Connectors, Electrical · FSG 59 — Electrical and Electronic Equipment Components · CAGE 77820


GOVERNMENT RECORD, CITED

NSN 5935-00-059-2839 — this item is cataloged by the U.S. Government under National Stock Number 5935-00-059-2839. Manufacturer of record part number: **PC01E-12-10S(SR)**.

ALSO SEARCHED AS
 5935-00-059-2839 · 5935000592839 · NIIN 000592839 · 00-059-2839 · FSC 5935 Connectors, Electrical · CAGE 77820 · PC01E-12-10S(SR) · QB84318-32 · QB84318-32

NEARBY STOCK NUMBERS
 ← 5935-00-059-2837 Connector, Plug, Electrical · 5935-00-059-2841 Connector, Plug, Electrical →

FEATURES	IDENTIFICATION
- Connector,plug,electrical — FSC 5935 - Contact Maximum Current Rating in Amps: 7.5 SINGLE MATING END SINGLE CONTACT GROUPING - Connector Locking Method: INTERNALLY THREADED SHELL - Shell Type: SOLID - Body Style: STRAIGHT SHAPE, INTERNAL COUPLING W/STRAIN RELIEF - Terminal Type: SOLDER WELL SINGLE MATING END SINGLE CONTACT GROUPING - Contact Material: COPPER ALLOY SINGLE MATING END SINGLE CONTACT GROUPING - Overall Diameter: 0.803 INCHES MAXIMUM IN	- NSN: 5935-00-059-2839 - NIIN: 000592839 - FSC: 5935 — Connectors, Electrical - FSG: 59 — Electrical and Electronic Equipment Components - Primary part number: PC01E-12-10S(SR) - Manufacturer: Amphenol Corp Div Amphenol Aerospace Operations

GENERAL DESCRIPTION

The Connector,plug,electrical, cataloged under National Stock Number 5935-00-059-2839, is classified within Federal Supply Class 5935 (Connectors, Electrical) of the Electrical and Electronic Equipment Components group. The manufacturer of record is Amphenol Corp Div Amphenol Aerospace Operations. Government technical data includes 30 specifications, cited from the U.S. Government catalog. The record lists 2 manufacturer part numbers for this item, enabling identification through both NSN and commercial part number lookups. 1 additional reference document (drawings, advisory and superseded references) is recorded in the U.S. Government catalog. Current acquisition status: Active.

TECHNICAL SPECIFICATIONS	
PARAMETER	VALUE
NSN	5935-00-059-2839
Primary Part Number	PC01E-12-10S(SR)
Item Name	Connector,plug,electrical
FSC / FSG	5935 / 59 — Connectors, Electrical
Manufacturer	Amphenol Corp Div Amphenol Aerospace Operations
Status	ACTIVE
Contact Maximum Current Rating in Amps	7.5 SINGLE MATING END SINGLE CONTACT GROUPING
Connector Locking Method	INTERNALLY THREADED SHELL
Shell Type	SOLID
Body Style	STRAIGHT SHAPE, INTERNAL COUPLING W/STRAIN RELIEF
Terminal Type	SOLDER WELL SINGLE MATING END SINGLE CONTACT GROUPING

PARAMETER	VALUE
Contact Material	COPPER ALLOY SINGLE MATING END SINGLE CONTACT GROUPING
Overall Diameter	0.803 INCHES MAXIMUM IN
Mating End Quantity	1
Precious Material	GOLD
Contact Position Arrangement Style	12-10 SINGLE MATING END
Shell Surface Treatment	CADMIUM AND CHROMATE
Insert Position in Deg	0.0
Precious Material and Weight	0.010 GOLD GRAINS, TROY
Terminal Location	BACK SINGLE MATING END SINGLE CONTACT GROUPING
Included Contact Quantity	10 SINGLE MATING END SINGLE CONTACT GROUPING
Shell Surface Treatment Document and Classification	QQ-P-416,TY 2,CL 3 FED SPEC ALL TREATMENT RESPONSES
Thread Direction	RIGHT-HAND
Nominal Thread Size	0.750 INCHES IN
Body Length	1.704 INCHES MAXIMUM IN
Included Contact Type	ROUND SOCKET SINGLE MATING END SINGLE CONTACT GROUPING
Contact Maximum AC Voltage Rating in Volts	500.0 SINGLE MATING END SINGLE CONTACT GROUPING
Polarization Method	KEYWAY OR MULTIPLE KEYWAY
Contact Surface Treatment Document and Classification	MIL-G-45204 MIL SPEC SINGLE TREATMENT RESPONSE SINGLE MATING END SINGLE CONTACT GROUPING
Connector Cable Strain Relief Method	CABLE CLAMP
Environmental Protection	MOISTURE PROOF AND SALT WATER RESISTANT AND VIBRATION PROOF AND THERMAL SHOCK RESISTANT AND CORROSION RESISTANT
Precious Material and Location	CONTACT SURFACES GOLD
Contact Removability	NONREMOVABLE SINGLE MATING END SINGLE CONTACT GROUPING
Thread Class	2B
Cable Entrance Diameter	0.302 INCHES MINIMUM AND 0.322 INCHES MAXIMUM IN
Thread Quantity Per Inch	5

LIFECYCLE & COMPLIANCE

Acquisition Status	ACTIVE
DEMIL Code	DEMIL A – NO DEMILITARIZATION REQUIRED
Hazard	POSSIBLE HAZARD – SDS MAY BE REQUIRED (DLA HMIC P)
Criticality Code	X

CROSS-REFERENCE INDEX

PART NUMBER	MANUFACTURER
QB84318-32	Honeywell Intl Inc Defense Avionics Systems Former Test Systems Div (USA)
PC01E-12-10S(SR) PRIMARY	Amphenol Corp Div Amphenol Aerospace Operations (USA)

REFERENCE DOCUMENTS

REFERENCE	MEANING
QB84318-32	5/9 Secondary reference Honeywell Intl Inc Defense Avionics Systems Former Bendix Navigation and Control Systems

No interchangeability data on file.

OTHER ITEMS IN FSC 5935 – CONNECTORS, ELECTRICAL

Items in the same Federal Supply class. No interchangeability or substitution relationship is implied.

5935-00-000-8180 5935-00-000-8180 · Item name not on file	5935-00-001-1344 5935-00-001-1344 · Item name not on file	5935-00-001-1347 5935-00-001-1347 · Item name not on file	5935-00-001-1350 5935-00-001-1350 · Item name not on file
5935-00-001-1351	5935-00-001-1353	5935-00-001-1627	5935-00-001-1628

5935-00-001-1351 · Item name not on file

5935-00-001-1353 · Item name not on file

BACKSHELL,ELECTRICAL CONNECTOR

5935-00-001-1628 · Item name not on file

FREQUENTLY ASKED QUESTIONS

What is NSN 5935-00-059-2839?

NSN 5935-00-059-2839 is a Connector,plug,electrical, manufactured by Amphenol Corp Div Amphenol Aerospace Operations, classified under FSC 5935, Connectors, Electrical. Status: active.

What part numbers are listed for NSN 5935-00-059-2839?

NSN 5935-00-059-2839 has 2 manufacturer part numbers on file: QB84318-32 (Honeywell Intl Inc Defense Avionics Systems Former Test Systems Div), PC01E-12-10S(SR) (Amphenol Corp Div Amphenol Aerospace Operations).

What are the specifications of PC01E-12-10S(SR)?

Key specifications for PC01E-12-10S(SR): Contact Maximum Current Rating in Amps: 7.5 SINGLE MATING END SINGLE CONTACT GROUPING; Connector Locking Method: INTERNALLY THREADED SHELL; Shell Type: SOLID; Body Style: STRAIGHT SHAPE, INTERNAL COUPLING W/STRAIN RELIEF. 30 specifications are documented in the U.S. Government catalog.

Is NSN 5935-00-059-2839 hazardous material?

Possible hazard — SDS may be required (DLA HMIC P). Hazard information on this page is shown exactly as it appears in the DLA record.

SOURCES

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-16.

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

PartsTable — the parts reference. Every fact cited to its source.

partstable.com/parts/5935-00-059-2839

✓ Data cited from the U.S. Government catalog; commercial cross-references from OEM and certified industry sources.

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