

This military standard has been approved by the Department of Defense and is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document. AF 11+, 17+ Army EL+, MU+, MI+, MO@ Navy SH+, WP+, MC@

FED. SUP CLASS
5935

**CANCELED AFTER 22 MAR 69
USE MIL-C-39012/21-000!**

MS PART NO. MS27035-625B

Dwg or Part No.	Description	Qty	INCHES	MM	INCHES	MM
REA10042-2	Ring	1	.001	.03	.331	8.41
REA10167	Center contact	1	.002	.05	.381	9.68
REA10195	Insulator	1	.003	.08	.432	10.97
REA 10207	Insulator	1	.004	.10	.436	11.07
REA101152	Body	1	.055	1.40	.442	11.23
(F) --	Lockwasher No. 1820-12 Shakeproof Inc., Chicago, Ill. or equal	1	.184	4.67	.487	12.37
			.189	4.80	1/2	12.70
			.206	5.23	.570	14.48
MS35125-2(SigC)	Nut	1	.320	8.13	1.057	26.85

NOTES:

- All dimensions are in inches.
- Unless otherwise specified, tolerance is $\pm 1/64$ (.40 mm) on fractions and $\pm .005$ (.13 mm) on decimals.
- Form over all around.
- Stud axis may be rotated 90° to facilitate assembly. Studs may be fabricated separately and silver soldered in place. When the soldered-stud type of construction is used, the studs to withstand a pull of 150 pounds and a torque of 20 inch-pounds.
- The assembly part number consists of the MS military-standard number followed by a dash number. The dash number '625B' is derived from assigned nomenclature.
- Receptacle UG-625B/U replaces receptacles UG-625/U and -625A/U.
- Assigned AN nomenclature is Connector, Receptacle UG-625B/U.
- Referenced documents shall be of the issue in effect on date of invitations for bid.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.

ENGINEERING DATA: Small, quick-disconnect radio-frequency coaxial connector; rated at 500 volts peak; for use with RG-58/U or similar small-sized RF cable. Designed to accommodate a panel .045 (1.14 mm) to 1/8 (3.18 mm) inch thick maximum.

P.A. EL	International interest	TITLE CONNECTOR, RECEPTACLE, ELECTRICAL, SERIES BNC, UG-625 B/U	MILITARY STANDARD
Other Cust SH 11			MS 27035
Procurement Specification MIL-C-3608		SUPERSEDES: SH DWG REA 49028	SHEET 1 OF 1

APPROVED 18 OCT 1960 REVISED (F) 6 FEBRUARY 1967 CANCELED 22 March 1969