This standard has been approved by the AFLC (80) Department of the Air Force and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

(D) Review activity: AF 11

PROJ NO. 5935-F851

CUSTODIANS: P.A. (D) USAF-80

OTHER INT.: A - N - AF -

Procurement Specification: MIL-C-26518

SUPERSEDES:

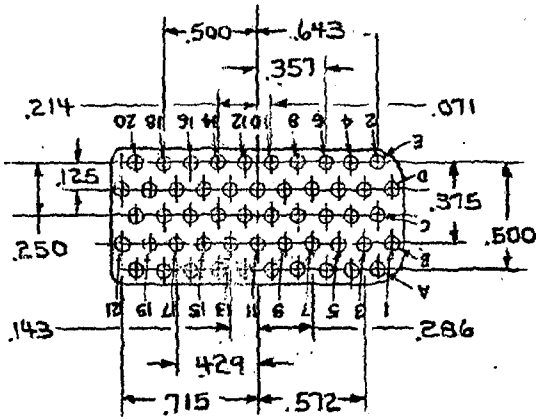
MILITARY STANDARD

INSERT ARRANGEMENTS, ELECTRICAL, CONNECTOR, RACK AND PANEL

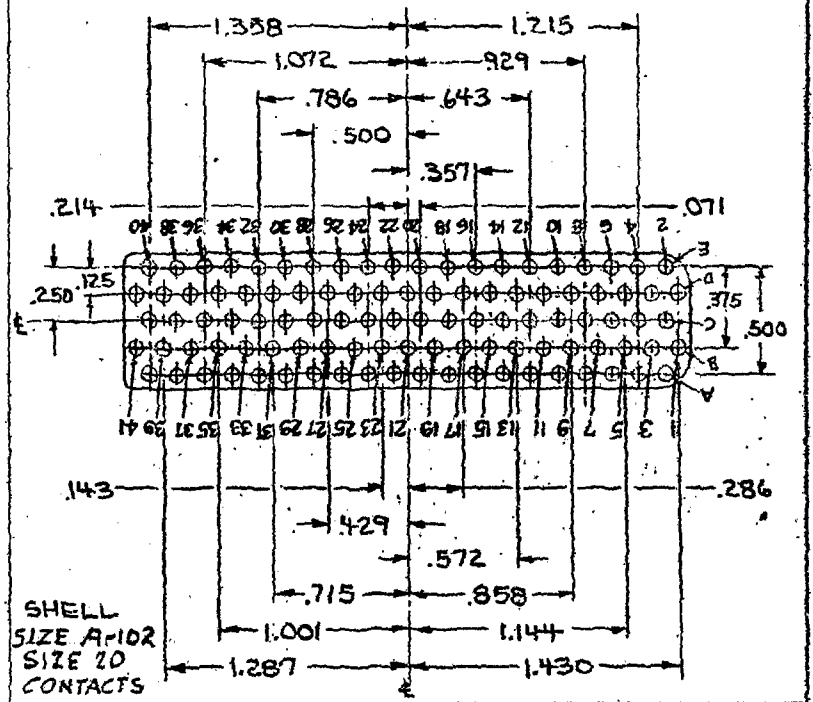
MS 24288 (USAF)

SHEET 1 OF 8 (D)

(D) FOR CHANGES SEE SHTS. 1 THRU 8



SHELL SIZE B - 52
SIZE 20 CONTACTS



SHELL SIZE A-102
SIZE 20
CONTACTS

DIMENSIONS AND MARKINGS: REAR FACE OF PIN INSERT SHOWN. SOCKET INSERT OPPOSITE. SYMMETRICAL ABOUT CENTERLINE (℄). CONTACT DESIGNATIONS SHOWN SHALL BE MARKED ON REAR SURFACES: DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES-DECIMALS: ±.002
THE A2 CONTACT SHALL BE MARKED ON FACE OF THE SOCKET INSERT AND THE E2 CONTACT SHALL BE MARKED ON THE FACE OF PIN INSERT.
THIS IS A DESIGN STANDARD. NOT TO BE USED AS A PART NUMBER.

(D) FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

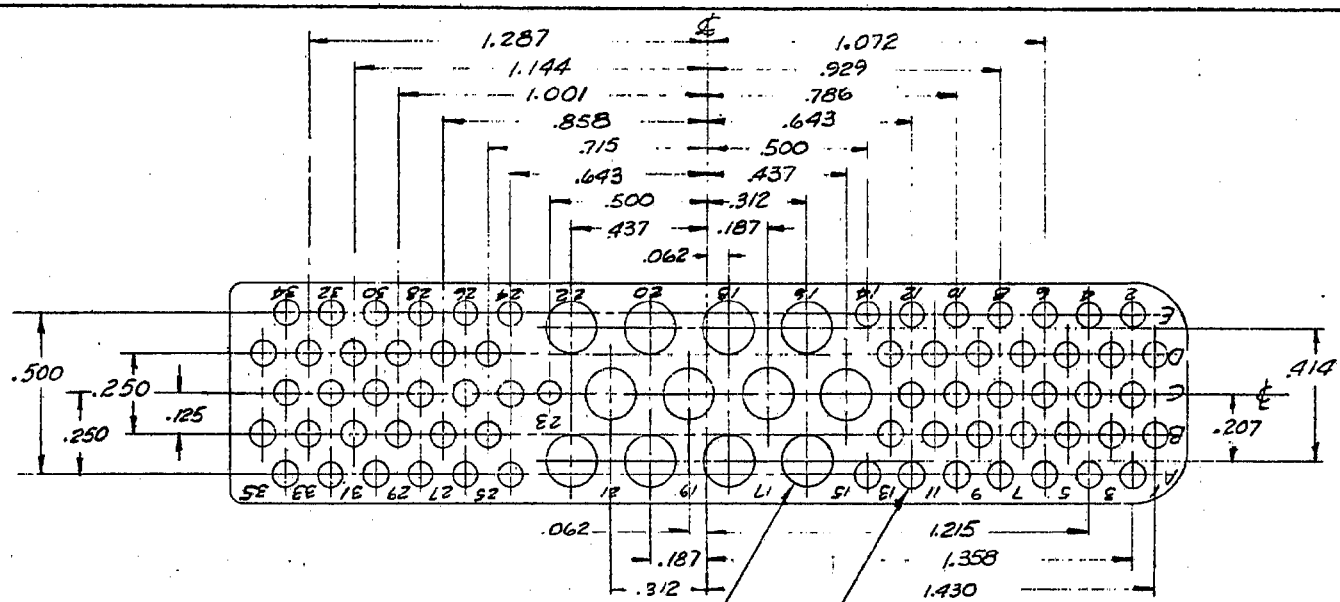
ARR. NO.	CONTACTS NO.12	NO.16	NO.20	CONNECTORS STYLE	RACK AND PANEL	STYLE	RACK AND PANEL
A1			102	PIN	MS 24286 RA1	SOCK	MS 24285 RA1
B1			52	PIN	MS 24286 RB1	SOCK	MS 24285 RB1
A1			102	PIN	MS 24286 HA1	SOCK	MS 27399 RA1
B1			52	PIN	MS 24286 HB1	SOCK	MS 27399 RB1

APPROVED 13 Oct 60 REVISED (A) 21 DEC. 1960 (B) 28 JUNE 1965 (C) 31 MAR 67 (D) 20 JULY 72

FSC 5935

This standard has been approved by the AFLC (80) Department of the AIR FORCE and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

Review activity. AF 11



SHELL SIZE A2

77 CONTACTS

DIMENSIONS AND MARKINGS: REAR FACE OF PIN INSERT SHOWN. SOCKET INSERT OPPOSITE.
SYMMETRICAL ABOUT CENTERLINE ℄
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES - DECIMALS: ±.002
CONTACT DESIGNATIONS SHOWN SHALL BE MARKED ON REAR SURFACES.
THE A2 CONTACT SHALL BE MARKED ON FACE OF THE SOCKET INSERT AND THE E2 CONTACT SHALL BE MARKED ON THE FACE OF PIN INSERT.
THIS IS A DESIGN STANDARD. NOT TO BE USED AS A PART NUMBER.

ARR NO.	CONTACTS				CONNECTORS				
	NO. 12	NO. 16	NO. 20	COAX.	STYLE		RACK AND PANEL	STYLE	RACK AND PANEL
A2	12		65		PIN		MS 24286 R A2	SOCKET	MS 24285 R A2
A2	12		65		PIN		MS 24286 H A2	SOCKET	MS 27399 R A2

APPROVED

REVISED (B) (C) FOR CHANGES SEE SHTS. 2, 3, 4 & 5 (D) SEE SHTS 1 THRU 8

FED. SUP CLASS 5935

P.A. USAF-80

Other Cust (D)

PROCUREMENT SPECIFICATION MIL-C-26518

TITLE INSERT ARRANGEMENTS, ELECTRICAL, CONNECTOR, RACK AND PANEL

SUPERSEDES

MILITARY STANDARD

MS24288(USAF)

SHEET 2 OF 8

This standard has been approved by the AFLC (80) Department of the AIR FORCE and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

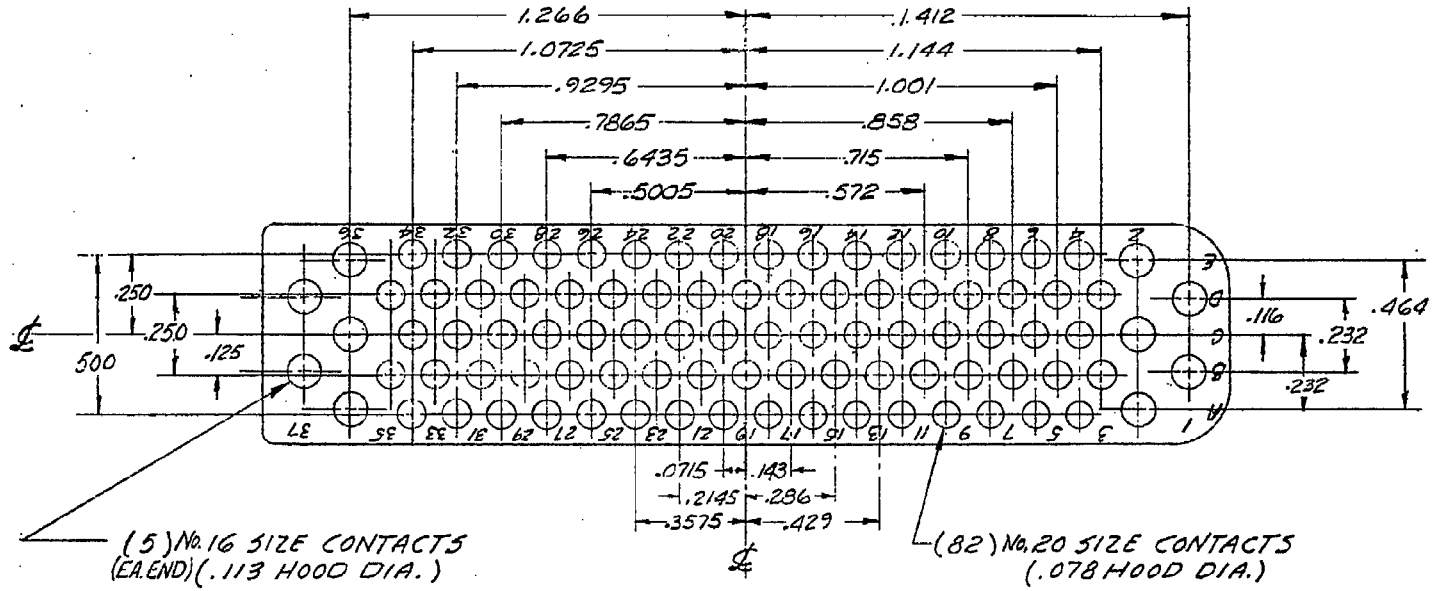
Review activity: AF 11

P.A. USAF-80
Other Cust
(D)

PROCUREMENT SPECIFICATION MIL-C-24519

SUPERSEDES:

TITLE INSERT ARRANGEMENTS, ELECTRICAL, CONNECTOR, RACK AND PANEL



SHELL SIZE A3

92 CONTACTS

DIMENSIONS AND MARKINGS: REAR FACE OF PIN INSERT SHOWN. SOCKET INSERT OPPOSITE.
SYMMETRICAL ABOUT CENTERLINE ℄
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES - DECIMALS ±.002
CONTACT DESIGNATIONS SHOWN SHALL BE MARKED ON REAR SURFACES.
THE A2 CONTACT SHALL BE MARKED ON FACE OF THE SOCKET INSERT AND THE E2 CONTACT SHALL BE MARKED ON THE FACE OF PIN INSERT.
THIS IS A DESIGN STANDARD. NOT TO BE USED AS A PART NUMBER.

ARR No.	CONTACTS				CONNECTORS				
	NO.12	NO.16	NO.20	COAX	STYLE		RACK AND PANEL	STYLE	RACK AND PANEL
A3		10	82		PIN		MS24286 R A3	SOCKET	MS24285 R A3
A3		10	82		PIN		MS24286 H A3	SOCKET	MS27399 R A3

FED. SUP CLASS 5935

MILITARY STANDARD

MS24288(USAF)

SHEET 3 OF 8

APPROVED

REVISED (B) (C) FOR CHGS. SEE SHTS. 2, 3, 4 & 5 (D) SEE SHTS 1 THRU 8

·s standard has been approved by the AFLC (80)
partment of the AIR FORCE and is mandatory for use by
r activity. All other military activities are required
employ this standard where suitable.

Review activity: AF 11

PROCUREMENT SPECIFICATION AMF-C-5718

P.A. USAF-80
Other Cust
D

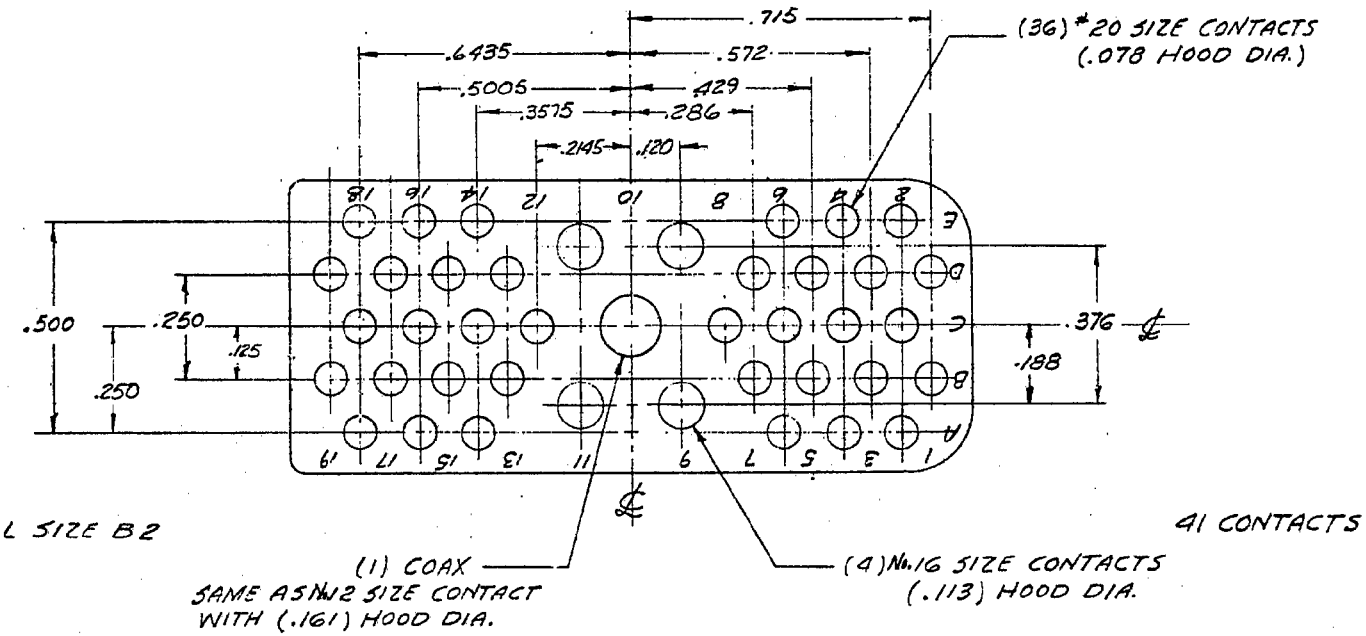
SUPERSEDES:

TITLE INSERT ARRANGEMENTS, ELECTRICAL, CONNECTOR, RACK AND PANEL

MILITARY STANDARD

MS24288(USAF)

SHEET 4 OF 8



DIMENSIONS AND MARKINGS: REAR FACE OF PIN INSERT SHOWN. SOCKET INSERT OPPOSITE.
SYMMETRICAL ABOUT CENTERLINE ℄
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES - DECIMALS ±.002
CONTACT DESIGNATIONS SHOWN SHALL BE MARKED ON REAR SURFACES.
THE A2 CONTACT SHALL BE MARKED ON FACE OF THE SOCKET INSERT AND THE E2 CONTACT SHALL BE MARKED ON THE FACE OF PIN INSERT.
THIS IS A DESIGN STANDARD. NOT TO BE USED AS A PART NUMBER.

ARR NO.	CONTACTS				CONNECTORS					
	NO.12	NO.16	NO.20	COAX	STYLE		RACK AND PANEL	STYLE		RACK AND PANEL
B2		4	36	1	PIN		MS24286R32	SOCKET		MS24285RB2
B2		4	36	1	PIN		MS24286HB2	SOCKET		MS27399RB2

FED. SUP CLASS 5935

APPROVED

REVISED (B) (C) FOR CHGS. SEE SHTS. 2,3,4 & 5 (D) SEE SHTS 1 THRU 8

is standard has been approved by the AFLC (80) partment of the AIR FORCE and is mandatory for use by or activity. All other military activities are required employ this standard where suitable.

Review activity : AF II

PROCUREMENT SPECIFICATION MIL-C-26482

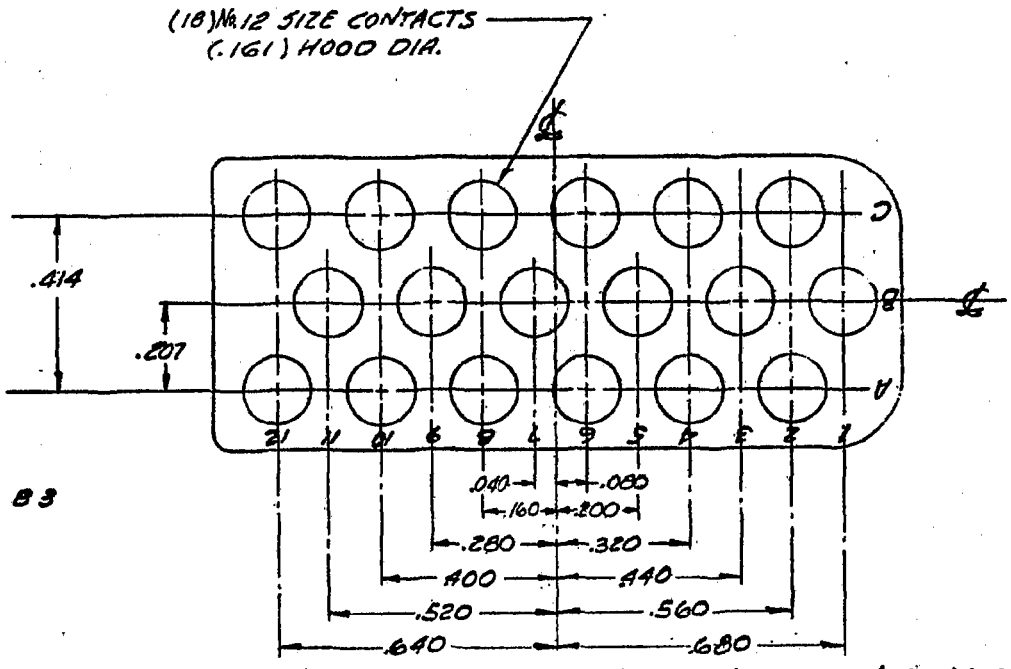
P.A. Other Cust USAF-80 (D)

SUPERSEDES:

TITLE INSERT ARRANGEMENTS, ELECTRICAL, CONNECTOR, RACK AND PANEL

MILITARY STANDARD MS24288(USAF)

SHEET 5 OF 8



SHELL SIZE B3

18 CONTACTS

DIMENSIONS AND MARKINGS : REAR FACE OF PIN INSERT SHOWN. SOCKET INSERT OPPOSITE.
SYMMETRICAL ABOUT CENTERLINE ℄
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES - DECIMALS ±.002
CONTACT DESIGNATION SHOWN SHALL BE MARKED ON REAR SURFACES.
THE A2 CONTACT SHALL BE MARKED ON FACE OF THE SOCKET INSERT AND THE C2 CONTACT SHALL BE MARKED ON THE FACE OF PIN INSERT.
THIS IS A DESIGN STANDARD NOT TO BE USED AS A PART NUMBER.

ARR No	CONTACTS				CONNECTORS				
	No.12	No.16	No.20	COAX.	STYLE		RACK AND PANEL	STYLE	RACK AND PANEL
B3	18				PIN		MS24286 RB3	SOCKET	MS24285 RB3
B3	18				PIN		MS24286 HB3	SOCKET	MS27399 RB3

FED. SUP CLASS 5935

APPROVED

REVISED (B) (C) FOR CHGS. SEE SHTS. 2, 3, 4 & 5 (D) SEE SHTS 1 THRU 8

his standard has been approved by the AFLC (80) epartment of the AIR FORCE and is mandatory for use by at activity. All other military activities are required o employ this standard where suitable.

Review activity: AF II

PROCUREMENT SPECIFICATION MIL-C-26518

P.A. USAF-80

Other Cust

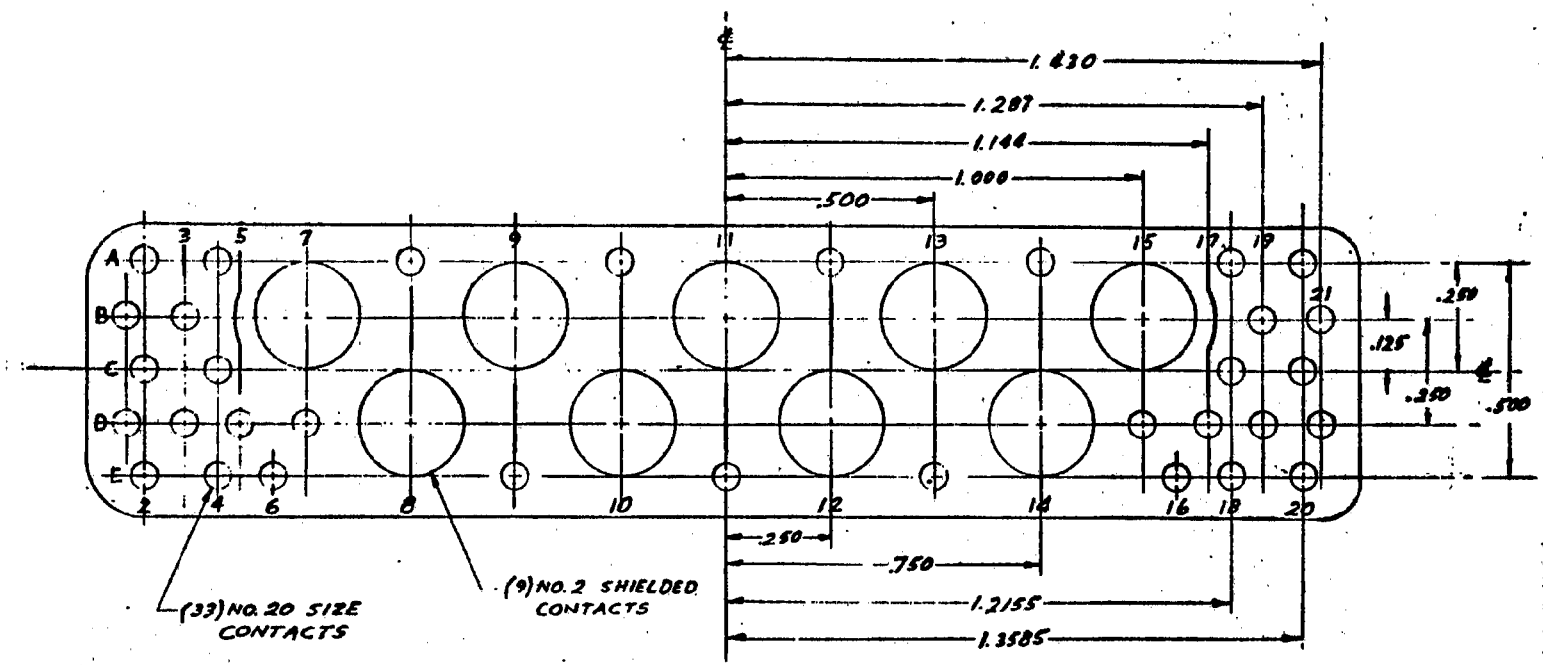
TITLE INSERT ARRANGEMENTS, ELECTRICAL CONNECTOR, RACK AND PANEL

SUPERSEDES:

MILITARY STANDARD

MS24288(USAF)

SHEET 6 OF 8



SHELL SIZE "A"

ARR	CONTACTS				CONNECTORS			
NO.	NO.12	NO.16	NO.20	COAX	STYLE	RACK AND PANEL	STYLE	RACK AND PANEL
A4			33	9	PIN	MS24286RA4	SOCKET	MS24285RA4
A4			33	9	PIN	MS24286HA4	SOCKET	MS27399RA4

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES- DECIMALS: ±.002
IDENTIFICATION CHARACTERS SHOWN ARE FOR REAR FACE OF PIN INSERT. SOCKET INSERTION OPPOSITE.
SYMMETRICAL ABOUT CENTERLINE. CONTACT DESIGNATIONS SHOWN SHALL BE MARKED ON REAR SURFACES
THE A2 CONTACT SHALL BE MARKED ON FACE OF THE SOCKET INSERT AND THE E2 CONTACT SHALL BE MARKED ON THE FACE OF THE PIN INSERT.
USE MS27184, MS27185, OR MS27399 AS APPLICABLE.
THIS IS A DESIGN STANDARD AND SHALL NOT BE USED AS A PART NUMBER.

FED. SUP CLASS 5935

APPROVED

REVISED (B) FOR CHANGES SEE SHEETS 1 THRU 7 (C) FOR CHGS. SEE SHTS. 2,3,4 & 5 (D) SEE SHTS. 1 THRU 8

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Review activity: AF 11

P.A. USAF-80

Other Cust

PROCUREMENT SPECIFICATION MIL-C-26518

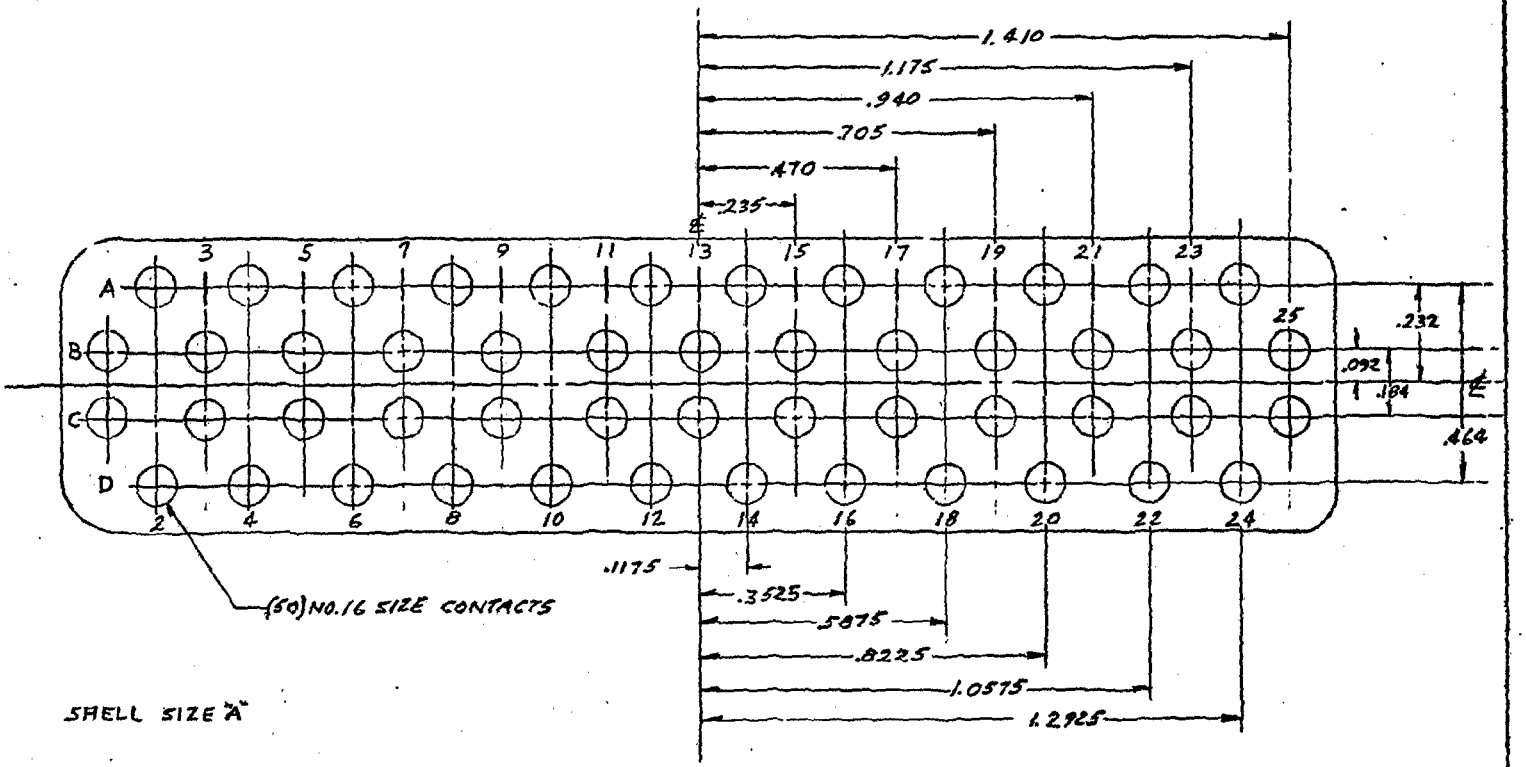
TITLE INSERT ARRANGEMENTS, ELECTRICAL CONNECTOR, RACK AND PANEL

SUPERSEDES:

MILITARY STANDARD

MS24288(USAF)

SHEET 7 OF 8



ARR NO.	CONTACTS				CONNECTORS			
	NO.12	NO.16	NO.20	COAX	STYLE	RACK AND PANEL	STYLE	RACK AND PANEL
A5		50			PIN	MS24286RA5	SOCKET	MS24285RA5
A5		50			PIN	MS24286HA5	SOCKET	MS27399RA4

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES-DECIMALS: ±.002
IDENTIFICATION CHARACTERS SHOWN ARE FOR REAR FACE OF PIN INSERT. SOCKET INSERT OPPOSITE.
SYMMETRICAL ABOUT CENTERLINE. CONTACT DESIGNATIONS SHOWN SHALL BE MARKED ON REAR SURFACES.
THE A2 CONTACT SHALL BE MARKED ON FACE OF THE SOCKET INSERT AND THE D2 CONTACT SHALL BE MARKED ON THE FACE OF THE PIN INSERT.
USE MS27184, MS27185, OR MS27399 AS APPLICABLE.
THIS IS A DESIGN STANDARD AND SHALL NOT BE USED AS A PART NUMBER.

FED. SUP. CLASS 5935

APPROVED

REVISED (B) FOR CHANGES SEE SHEETS 1 THRU 7 (C) FOR CHGS. SEE SHTS. 2, 3, 4 & 5 (D) SEE SHTS 1 THRU 8

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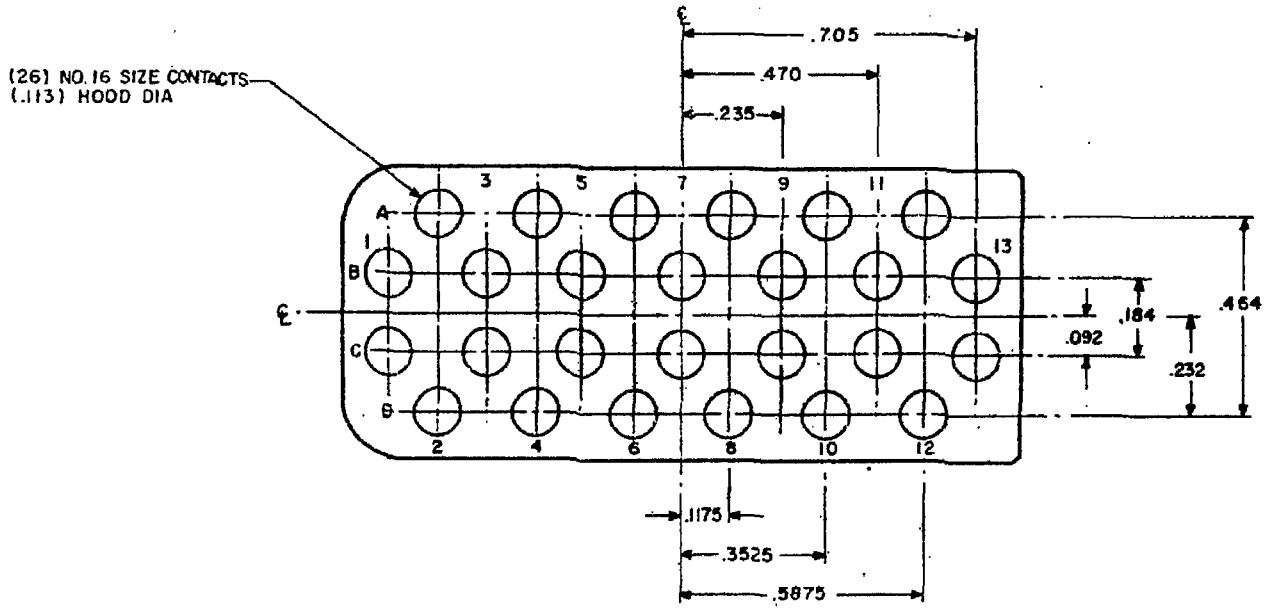
Review activity: AF 11



DIMENSIONS AND MARKINGS: REAR FACE OF PIN INSERT SHOWN. SOCKET INSERT OPPOSITE.
SYMMETRICAL ABOUT CENTERLINE ℄
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES - DECIMALS ±.002
CONTACT CONFIGURATION SHOWN SHALL BE MARKED ON REAR SURFACES.
THE A2 CONTACT SHALL BE MARKED ON FACE OF THE SOCKET INSERT AND THE C2 CONTACT SHALL BE MARKED ON THE FACE OF THE PIN INSERT.
THIS IS A DESIGN STANDARD. NOT TO BE USED AS A PART NUMBER.

ARR. NO.	CONTACTS				CONNECTORS			
	NO. 12	NO. 16	NO. 20	COAX	STYLE	RACK AND PANEL	STYLE	RACK AND PANEL
B4		26			PIN	MS24286RB4	SOCKET	MS24285RB4

APPROVED REVISED (D) SEE SHTS 1 THRU 8

PROCUREMENT SPECIFICATION MIL-C-26518

P.A. AIR FORCE 80
Other Cust

(D) ADDED SHT

SUPERSEDES

TITLE
INSERT ARRANGEMENTS, ELECTRICAL, CONNECTOR, RACK AND PANEL

SHELL SIZE B-4
26 CONTACTS

MILITARY STANDARD

MS24288(USAF)

SHEET 8 OF 8

FED. SUP CLASS 5935