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REV.
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SAE AS33701

FEDERAL SUPPLY CLASS
5935

RATIONALE

REVISED TO PROVIDE LEGIBLE DRAWINGS

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THIRD ANGLE PROJECTION



CUSTODIAN: SAE AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-81703

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

INSERT ARRANGEMENTS, ELECTRIC
CONNECTOR, SHELL SIZE 19

SAE AS33701
SHEET 1 OF 4

REV.
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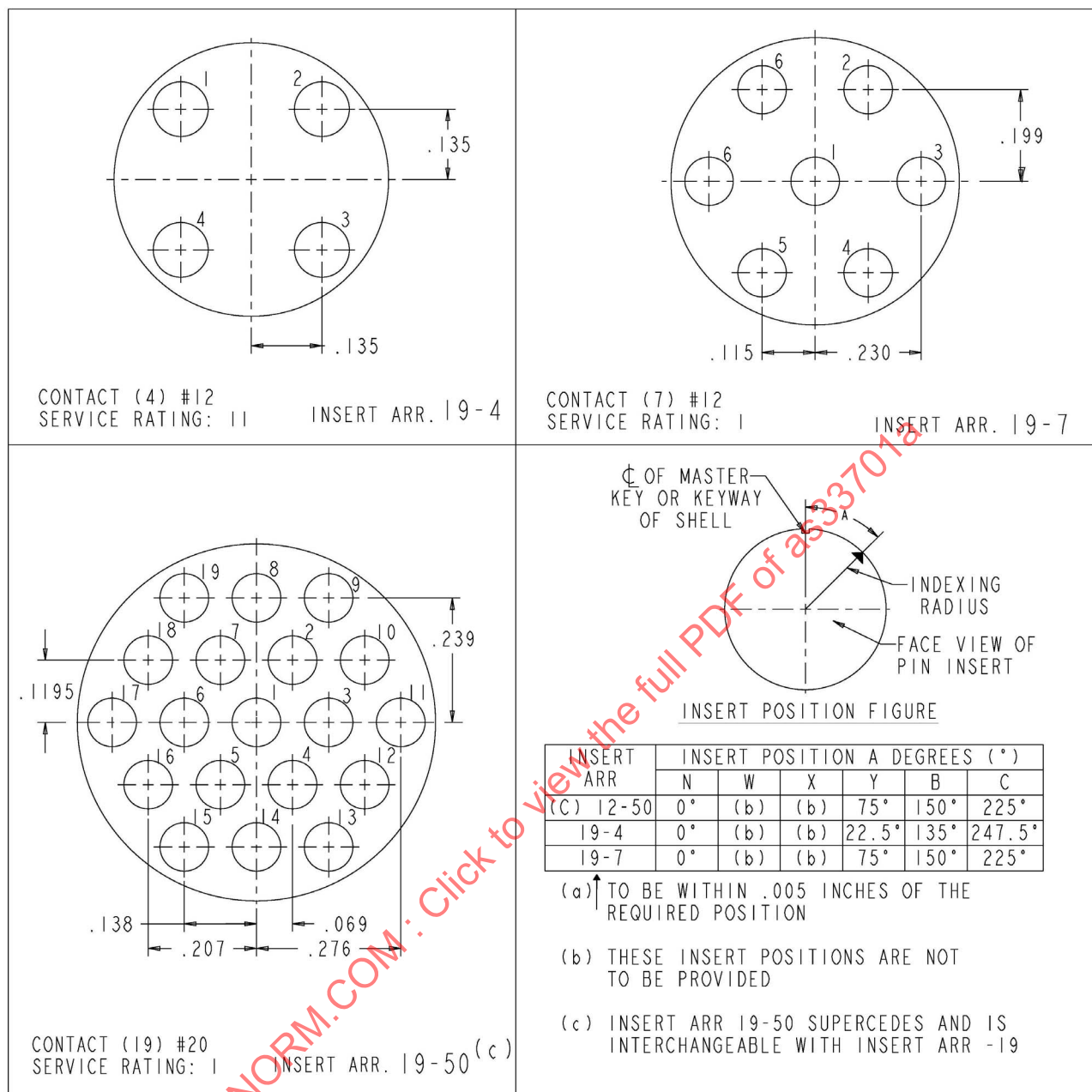
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ISSUED 2002-02 REVISED 2010-04



DIMENSIONS AND MARKINGS SHOWN ARE FOR FRONT FACE OF PIN INSERT (SOCKET INSERT OPPOSITE). UNLESS OTHERWISE INDICATED, DIMENSIONS ARE SYMMETRICAL ABOUT CENTERLINE.



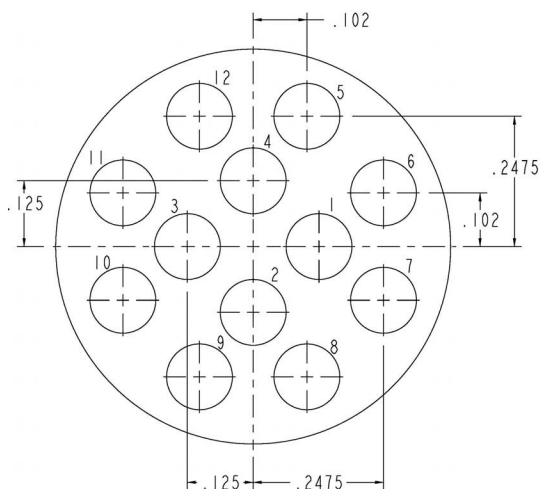
INDICATES "MASTER KEY OR KEYWAY OF SHELL."

↑ INDICATES TERMINUS OF "INDEXING RADIUS OF INSERT" SHALL BE PERMANENTLY MARKED ON THE INSERT.

IN NORMAL POSITION THE INDEXING RADIUS COINCIDES WITH ϕ OF THE "MASTER KEYWAY OF SHELL."

IN ALTERNATE POSITIONS THE PIN INSERT IS ROTATED A DEGREES CLOCKWISE RELATIVE TO ϕ OF THE "MASTER KEY OR KEYWAY OF SHELL" AS INDICATED.

IN ALTERNATE POSITIONS THE SOCKET INSERT IS ROTATED A DEGREES COUNTER CLOCKWISE RELATIVE TO ϕ OF THE "MASTER KEY OR KEYWAY OF SHELL".

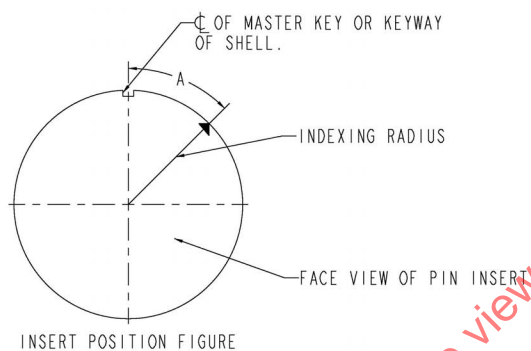


CONTACTS: (12) # 16
SERVICE RATING: I

INSERT ARR. 19-12

CONTACTS:
SERVICE RATING:

INSERT ARR. -



INSERT ARR	INSERT POSITION A DEGREES						
	N	W	X	Y	Z	B	C
19-12	0°	25°	50°	75°	(b)	150°	225°

(a) ↑ TO BE WITHIN .006 INCHES OF THE REQUIRED POSITION

(b) THESE INSERT POSITIONS ARE NOT TO BE PROVIDED

NOTES:

RECEPTACLES (REF) PLUGS (REF)

MS3130	MS3137
MS3132	MS3138
MS3134	MS3147
MS3139	MS3148
MS3140	MS3446
MS3143	MS3467
MS3144	MS3468
MS3145	MS3445
MS3149	
MS3424	
MS3463	
MS3464	
MS3466	
MS3469	