

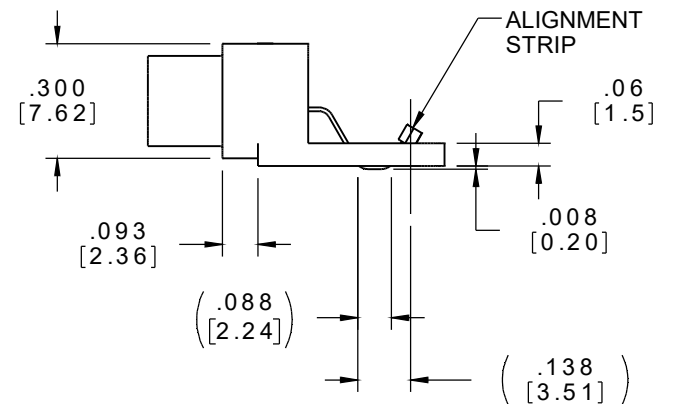
Technical drawing of a 16-pin OMNETICS YYWW connector. The drawing shows a side view of the connector with dimensions in inches and millimeters. Key features include a solder-coated contact, a .010 (TYP) hole, and a .096 hole. The connector is labeled 'OMNETICS YYWW'.

Dimensions (inches [millimeters]):

- Overall width: .965 [24.51]
- Contact width: .755 [19.18]
- Pin pitch: .010 (TYP) [0.25]
- Pin diameter: 2 X ϕ .096 [2.44]
- Pin length: .088 [2.24]
- Mounting hole diameter: .010 (TYP) [0.25]
- Mounting hole position: .58 [14.8]
- Mounting hole diameter: .224 [5.69]
- Mounting hole position: .492 [12.50]
- Mounting hole diameter: .195 $\pm$.003 [4.95 $\pm$ 0.08]
- Overall height: .800 MAX [20.32 MAX]

Labels:

- SOLDER COATED
- OMNETICS YYWW



DWG NO.	CAGE CODE 61873		
A99204-025			
SHEET 1 OF 2	SCALE: 2:1	REV B	

PART NO.	A99204-025	REV	ECO	DATE	APP
		B	107324	06-10-21	TLM

MATERIALS

HOUSING:

ALUMINUM 6061, NICKEL PLATE
(500 MICROINCHES MINIMUM)
PER SAE-AMS-2404

INSULATOR & ALIGNMENT STRIP:

LIQUID CRYSTAL POLYMER (LCP)
PER ASTM D5138

CONTACT:

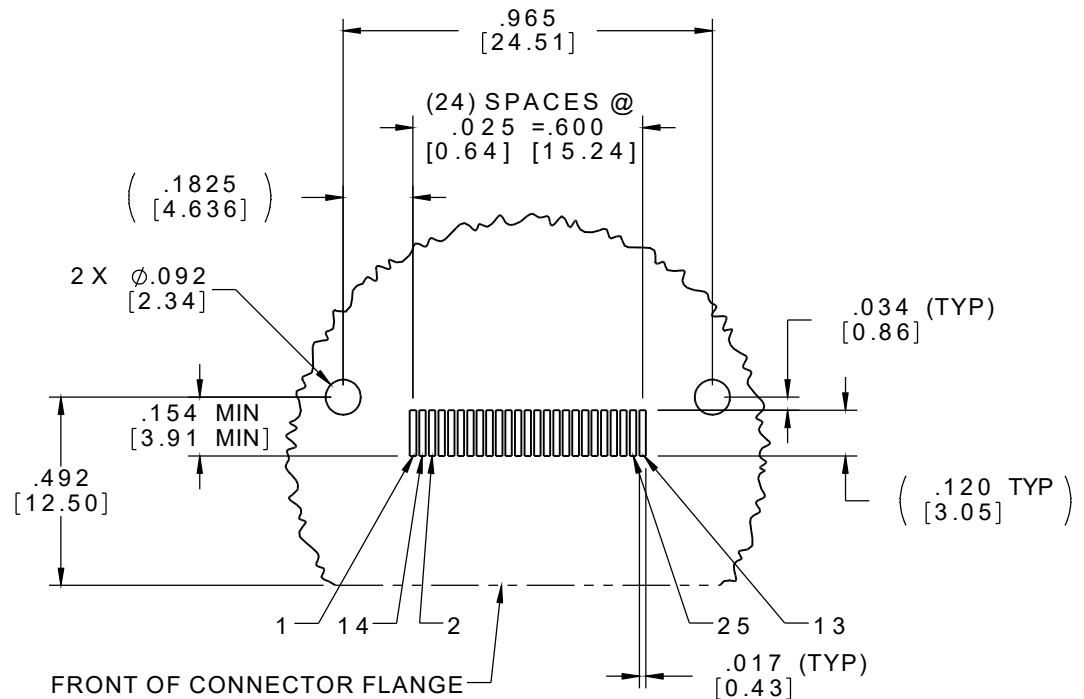
COPPER ALLOY PER MIL-DTL-83513, GOLD PLATED PER
ASTM B488, (HARD GOLD) TYPE
II CODE C CLASS 1.27

TERMINATION:

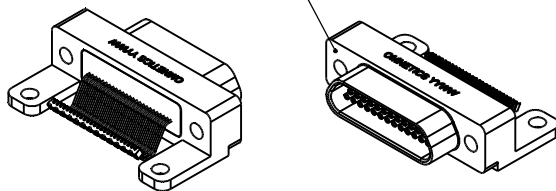
SOLDER COATED WITH SN63A
PER J-STD-006 OR AMS-P-81728

INTERFACIAL SEAL:

SILICONE RUBBER PER A-A-59588



FRONT OF CONNECTOR
FLANGE



ACTUAL SIZE

NOTE:

DIMENSIONS IN [] ARE IN
MILLIMETERS UNLESS
OTHERWISE NOTED AND ARE
FOR REFERENCE ONLY

MMSD	THIRD ANGLE	
	-TOLERANCES-	
SLDW	UNLESS OTHERWISE NOTED	
	DIMENSIONS IN INCHES	
	2	PL DEC ± .01
	3	PL DEC ± .005
	4	PL DEC ± .0005
	ANGLES ± 1°	

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TITLE:	
DFTM. TLM	
DATE	
12-04-13	

(25) SOCKET FEMALE
HORIZONTAL SURFACE
MOUNT MICRO-D

OMNETICS
CONNECTOR CORPORATION
7260 COMMERCE CIRCLE EAST
MINNEAPOLIS, MN 55432
WWW.OMNETICS.COM

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A99204-025		
SHEET	SCALE: 2:1	REV B
2 OF 2		