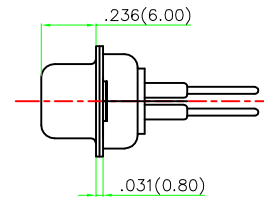
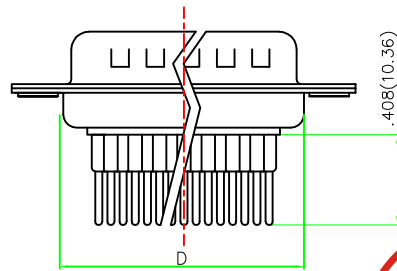


Technical drawing of a 12-pin connector. The drawing shows a side view of the connector with dimensions in inches and millimeters. The dimensions are as follows:

- Overall width: $.496(12.50)$
- Pin pitch (center-to-center): $.112(2.84)$
- Pin diameter: $\varnothing 3.0$
- Pin length (from centerline): $.109(2.77)$ TYP
- Pin length (from outer edge): $.055(1.385)$ TYP
- Pin length (from outer edge, alternative): $.319(8.1) \pm .02$
- Pin length (from outer edge, alternative): $.112(2.84)$
- Pin length (from outer edge, alternative): $.109(2.77)$ TYP
- Pin length (from outer edge, alternative): $.055(1.385)$ TYP
- Pin length (from outer edge, alternative): $.319(8.1) \pm .02$

SHELL : STEEL OR BRASS MATERIAL, Tin/Ni OR Au FINISHED
CONNECTOR INSULATOR : PBT THERMOPLASTIC, 30% GLASS FILLED, UL 94V-0 RATED
HIGH POWER CONTACT MATERIAL: PHOSPHOR BRONZE; 3U"~50u" GOLD PLATED
ELECTRICAL CHARACTERISTICS
HIGH POWER CONTACT CURRENT RATING :10,20,30,OR 40 AMPS
HIGH POWER CONTACT RESISTANCE : 2.7 MILLIOHMS MAX.
DIELECTRIC WITHSTANDING VOLTAGE :1000 V AC FOR 1 MINUTE
INSULATION RESISTANCE : 5000 MEGAOHMS MIN.
TEMPERATURE RATING : -55°C ~ +125°C



	A±0.25	B±0.13	C±0.38	D±0.25
09P	.666(16.92)	.984(24.99)	1.213(30.81)	.759(19.28)
15P	.994(25.25)	1.312(33.32)	1.541(39.14)	1.083(27.51)
25P	1.534(38.96)	1.852(47.04)	2.088(53.04)	1.625(41.28)
37P	2.182(55.42)	2.500(63.50)	2.729(69.32)	2.272(57.71)



1	D-sub Connector Series Name Machined Pin Type-FDM	2	No. of pins -09,15,25,37	3	Distinction No. -05	4	Type Male-M0	5	Assembly Layout DIP-D
6	Entry Type Straight-S	7	Gold Plating Gold Plated All-1	8	Thickness of Plating 3u"-00 10u"-10..... Custom Plate Available	9	Plastic Colour Black-K6 White-W1	10	Packaging PE Tray-K

 Third Angle Projection	TOLERANCE (Expect as noted)		APPROVE	Frank	PART NO:		TITLE:		ITEM NO:		 3K-KAMING
UNIT: in(mm)	X.±.012(0.30)	X.±5°	CHECK	FAN	FDM**08-M0DS1*****		D-SUB Connector		DM**08-M0		
SCALE: 1:1	X.X±.008(0.20)	X.*±2°		DRAWN	Cherry	DATE	13/JUN/11	REQUIRED DOCUMENTS:			
	X.XX±.006(0.15)	.XX*±1°	D-SUB Connector Machined Pin Type Male Series								
1	2		3		4		5	6	7	8	