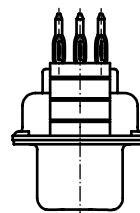
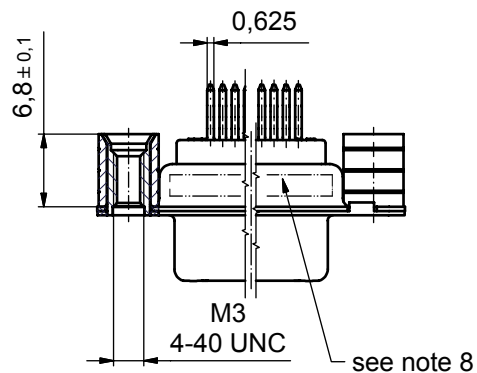


1. METAL SHELLS: STEEL; min. 315µin TIN over 40-80µin NICKEL
2. INSULATORS: PBT GF UL 94 V-0, BLACK
3. PRESS-FIT CONTACTS: COPPER ALLOY
PLATING MATING AREA: FLASH GOLD over NICKEL
PLATING TERMINATION AREA: 20-40µin TIN (SN 100)
P.C.B. THICKNESS: min. 1,6mm
4. THREADED REAR SPACER: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
5. SLEEVE: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
6. P.C.B. HOLE DRILLINGS SEE SHEET 2
7. MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
8. CONNECTOR IS PART MARKED:

PART-NO.	CONEC	ABC
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Polzahl No. of pos.	A	B	C	Art.-Nr. Part-No.	
				M3	4-40 UNC
15	30,88 ^{+0,31} _{-0,45}	16,41 ^{+0,05} _{-0,2}	24,99 ^{+0,13} _{-0,12}	DSH1XSGAA47X	DSH1XSGAA48X
26	39,22 ^{+0,3} _{-0,46}	24,74 ^{+0,05} _{-0,2}	33,32 ^{+0,13} _{-0,12}	DSH2XSGAA47X	DSH2XSGAA48X
44	53,09 ^{+0,33} _{-0,43}	38,51 ⁺⁰ _{-0,26}	47,04 ± 0,13	DSH3XSGAA47X	DSH3XSGAA48X
62	69,50 ^{+0,2} _{-0,56}	54,94 ^{+0,02} _{-0,23}	63,50 ± 0,13	DSH4XSGAA47X	DSH4XSGAA48X

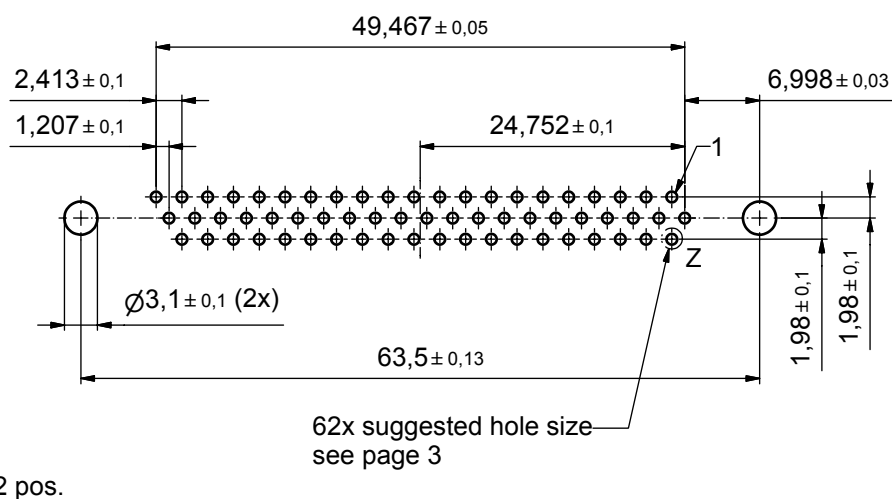
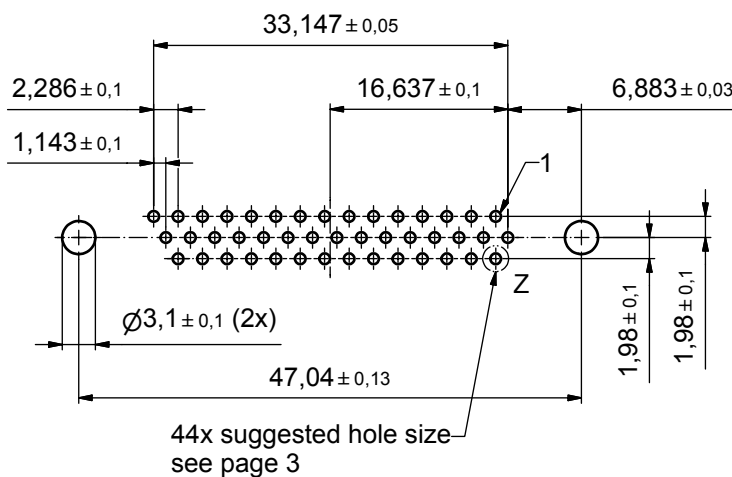
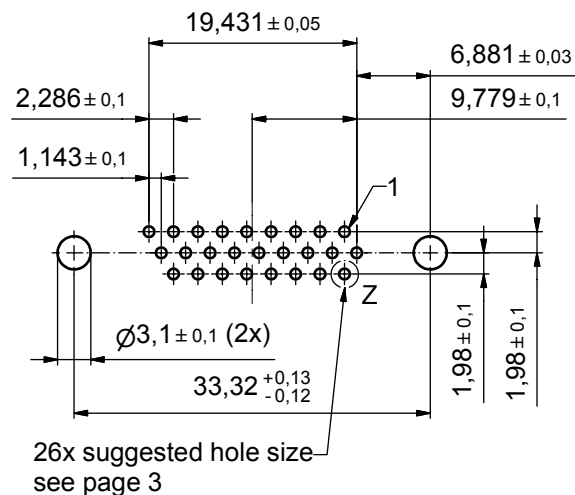
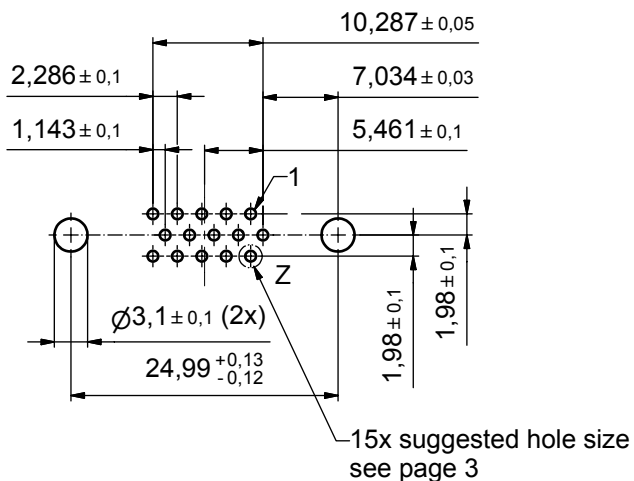
APPROVAL # FREIGABE # DEBLOCKAGE # AUTORIZACION # APPROVAL	APPROVAL # FREIGABE # DEBLOCKAGE # AUTORIZACION # APPROVAL
CUSTOMER APPROVAL DATE:	
NAME:	TITLE:
COMPANY NAME:	
APPROVAL # FREIGABE # DEBLOCKAGE # AUTORIZACION # APPROVAL	APPROVAL # FREIGABE # DEBLOCKAGE # AUTORIZACION # APPROVAL

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DO NOT ALTER CAD DRAWING BY HAND

				tolerance		 dim. in mm	
					date	name	
				drawn	13.04.07	Lehmenkühler	
				appd.	16.04.07	Koch	
				norm			
				d-old			
a	Origin						
rev.	description	date	name				

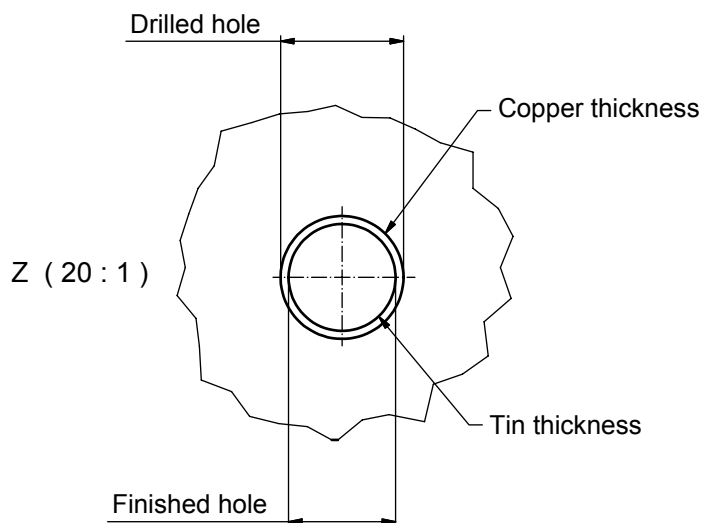
scale:	2:1 (5:1)		
material:	see notes		
title:	D-SUB HD FEMALE 15-62pos. PRESS-FIT STRAIGHT with threaded rear spacer		
dwg no:	Inventor	DIN- A3	
16K1A2029		sh: 1	
part no:	see table		



APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL	
CUSTOMER APPROVAL DATE:	
NAME:	TITLE:
COMPANY NAME:	
APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL	

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				date		name		material:	
DO NOT ALTER CAD DRAWING BY HAND				drawn	29.06.07	Sonnenberg		title: P.C.B. HOLE DRILLINGS D-SUB HD 15-62pos. PRESS-FIT STRAIGHT with threaded rear spacer	
				appd.	29.06.07	Koch			
a				norm		d-old		dwg no:	
				d-old		Inventor		DIN-A3	
rev.				description		date		name	
CONEC®				16K1A2029		part no:		SEE SHEET 1	
				sh: 2					

SUGGESTED PCB HOLE SIZE DIMENSIONS FOR D-SUB HD CONNECTORS WITH PRESS FIT TERMINATIONS ACCORDING IEC 60352-5		
THROUGH HOLE PLATING		Signal Contact
	NOMINAL DIAMETER	1,0 mm
TIN-LEAD	DRILLED HOLE	1,15 ±0,025 mm
	COPPER	min. 25µm
	TIN-LEAD	min. 15µm
	FINISHED HOLE	1,0 +0,09 –0,06mm
Galv./HAL TIN	DRILLED HOLE	1,15 ±0,025 mm
	COPPER	min. 25µm
	TIN	5-15µm
	FINISHED HOLE	1,0 +0,09 –0,06mm
CHEM. TIN	DRILLED HOLE	1,15 ±0,025 mm
	COPPER	min. 25µm
	CHEM. TIN	max. 1,5µm
	FINISHED HOLE	1,0 +0,09 –0,06mm



APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL	
CUSTOMER APPROVAL DATE:	
NAME:	TITLE:
COMPANY NAME:	
APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL	

THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH				tolerance		dim. in mm		scale: 20:1		
				date		name		material:		
				drawn	29.06.07	Sonnenberg		title: D-SUB HD FEMALE 15-62pos. PRESS-FIT STRAIGHT with threaded rear spacer		
				appd.	29.06.07	Koch				
DO NOT ALTER CAD DRAWING BY HAND				norm		dwg no:		Inventor		DIN-A3
				d-old		16K1A2029		sh: 3		
a Origin				CONEC®		part no:		SEE SHEET 1		
rev. description date name										