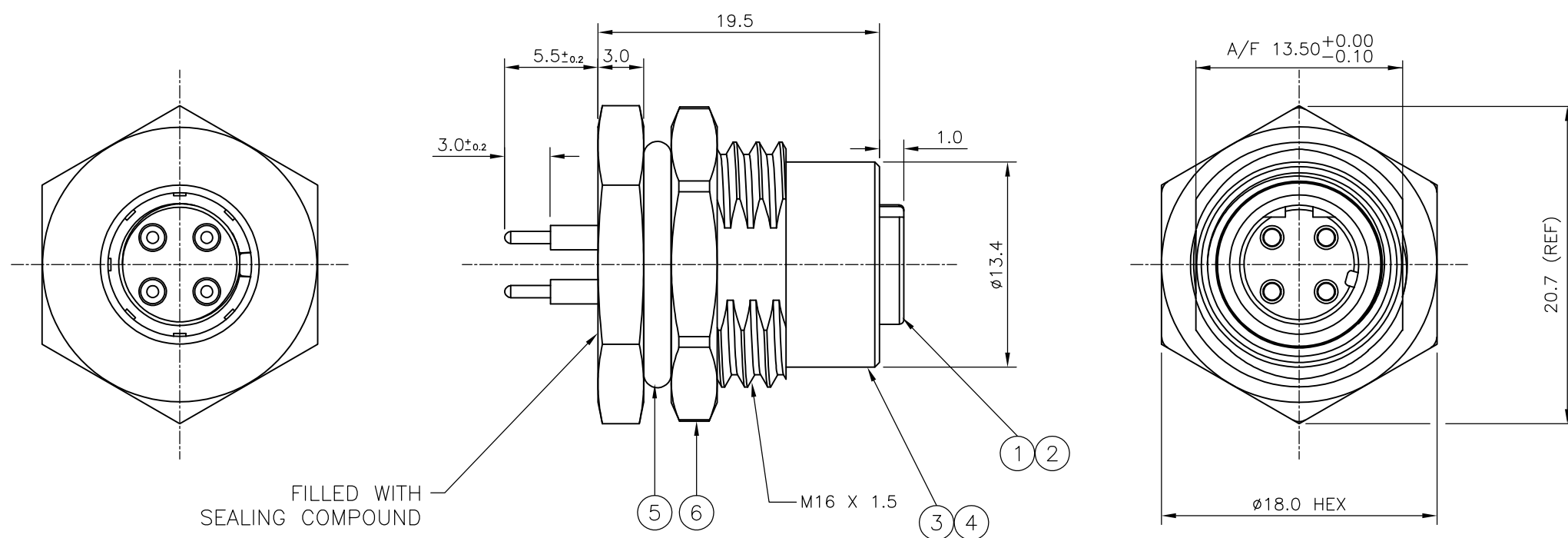


LOC	DIST	REVISIONS							
A1	-	ÄNDERUNGEN							
		P	LTR	DESCRIPTION BESCHREIBUNG			DATE	DWN	APVD
PROJEKT NR.: 7			A1	NEW-DRAWN			05.11.08	GW	ST

ITEM	DESCRIPTION	MATERIAL	FINISH/COLOUR	QUANTITY / ITEM			
				-1	-2	-3	-4
1	CONNECTOR HOUSING	GF NYLON	BLACK	1	1	1	1
2	SOCKET CONTACT	BRASS	0.15µm GOLD OVER NICKEL	3	4	5	8
3	CONNECTOR BODY	ZINC DIE CAST	2.5µm NICKEL PLATED	1	1	1	1
4	'O' RING	VITON	GREEN	1	1	1	1
5	'O' RING	EPDM	BLACK	1	1	1	1
6	SCREW NUT	ZINC DIE CAST	2.5µm NICKEL PLATED	1	1	1	1

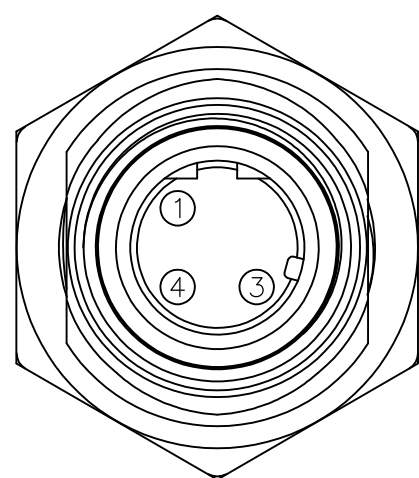
NOTES:

- | | | |
|---------------------|--|------------------------|
| 1. ELECTRICAL DATA: | CONTACT RESISTANCE: | 10 mOhm MAX |
| | INSULATION RESISTANCE: | 100 MOhm MIN at 500VDC |
| | CURRENT RATING: | |
| | 5 AMPS (FOR 3, 4 AND 5 POSITIONS) AND 2 AMPS (FOR 8 POSITION ONLY) | |
| | BREAKDOWN VOLTAGE: | 500 VAC MIN PER MINUTE |
| 2. ENVIRONMENTAL: | OPERATING TEMPERATURE: | -25°C TO +90°C |
| | SEALING REQUIREMENTS: | IP68 |



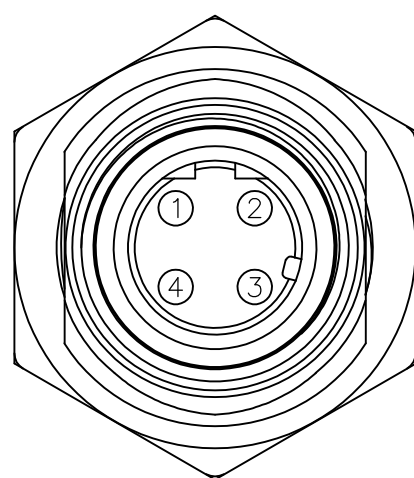
0-1

PIN ASSIGNMENTS
FRONT VIEW



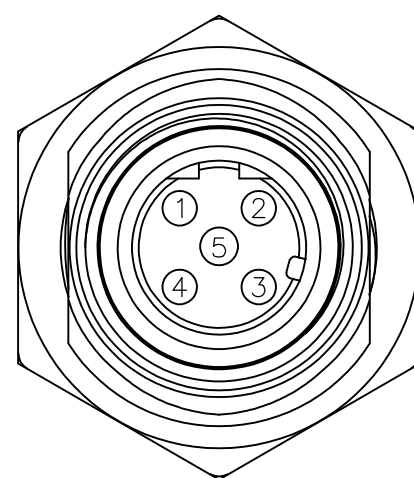
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PIN ASSIGNMENTS
FRONT VIEW



0-3

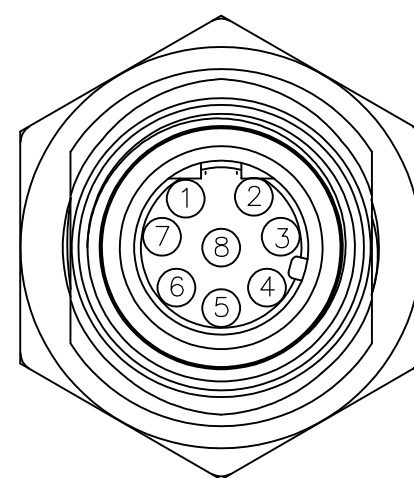
PIN ASSIGNMENTS
FRONT VIEW



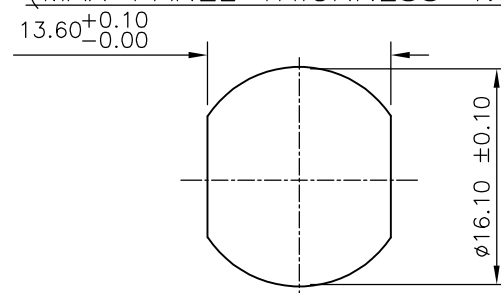
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PIN ASSIGNMENTS

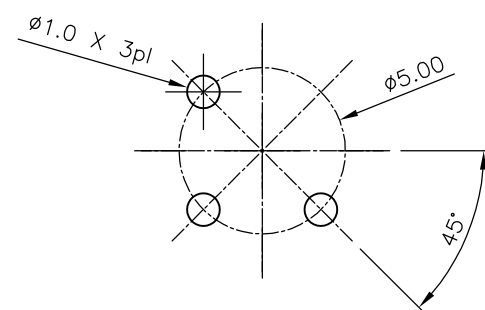
FRONT VIEW



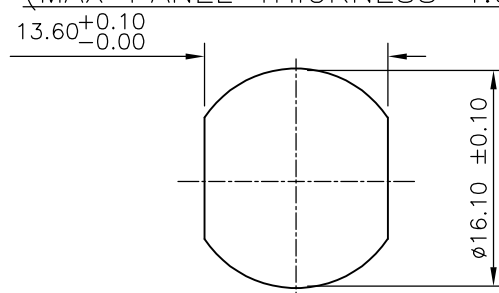
RECOMMENDED PANEL CUT-OUT
(MAX PANEL THICKNESS 4.5mm)



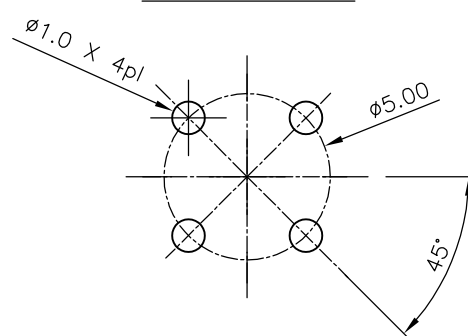
RECOMMENDED PCB LAYOUT



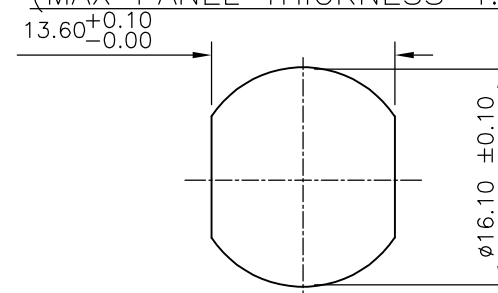
RECOMMENDED PANEL CUT-OUT
(MAX PANEL THICKNESS 4.5mm)



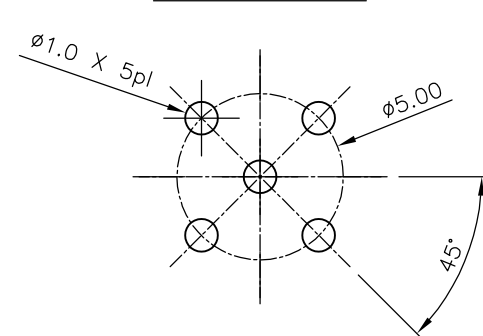
RECOMMENDED PCB LAYOUT



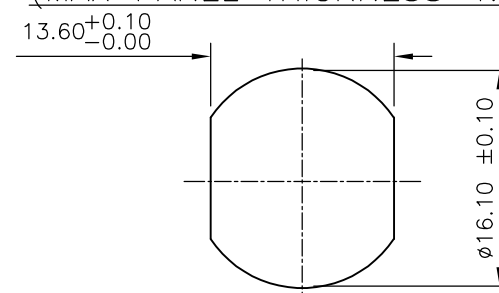
RECOMMENDED PANEL CUT-OUT
(MAX PANEL THICKNESS 4.5mm)



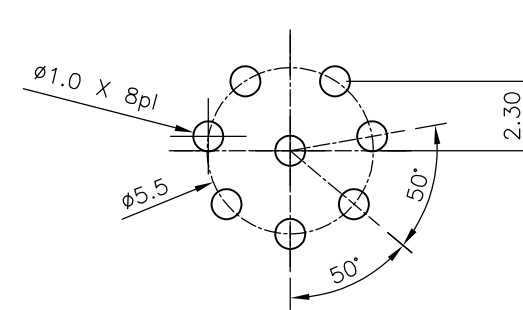
RECOMMENDED PCB LAYOUT



RECOMMENDED PANEL CUT-OUT
(MAX PANEL THICKNESS 4.5mm)



RECOMMENDED PCB LAYOUT



M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	8	0-4
M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	5	0-3
M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	4	0-2
M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	3	0-1
DESCRIPTION	NO. OF POS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION. DIESER ZEICHNUNGSDOKUMENT WIRD DURCH AMP INCORPORATED KONTROLLIERT. ÄNDERUNGEN SOLLTEN DEM TECHNISCHEN FORTSCHRITT DIESER UND VORBEHALTEN. DEN JEWELN LETZTIGELTIGEN ÄNDERUNGSSTAND ERFAHREN SIE AUF ANFRAGE.		DWN G.WROBLEWSKI 05.11.08		DESCRIPTION HTS Elektrotechnik 53819 Neunkirchen, Germany		FIG. OF POSTAL NUMBER	
DIMENSIONS: DIMENSIONEN: 		TOLERANCES UNLESS OTHERWISE SPECIFIED: ALLGEMEINETOLERANZEN n. ISO 8015 n. ISO 2768 - mH - E n. DIN 16901 - 140 0 PLC 0.2MM 1 PLC 0.2MM 2 PLC 0.272 3 PLC 0.273 ANGLES / WINKEL # -		APVD T SCHNURPFIL ZAD NAME M12,METAL - FEMALE - PANEL - MOUNT CONNECTOR		PRODUCT SPEC PRODUKTSPEZ 108-3641 APPLICATION SPEC	
MATERIAL		FINISH / OBERFLÄCHE / FARBE		SIZE A2		CAGE CODE 00779	
-		-		DRAWING NO ZEICHNUNGS-NR. C=1991135		RESTRICTED TO NUR FUER	
-		-		WEIGHT GEWICHT -		-	
-		-		/KUNDENZEICHNUNG		MASSSTAB NTS	
-		-		BLATT 1		OF 1	
-		-		REV A1		-	

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[1991135-2](#)