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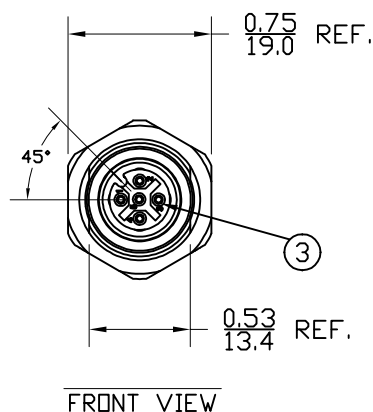
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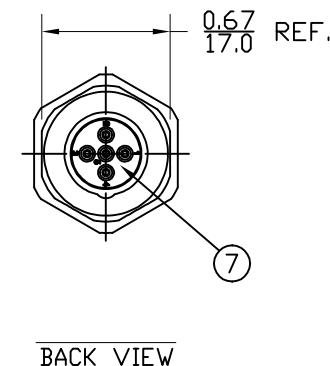
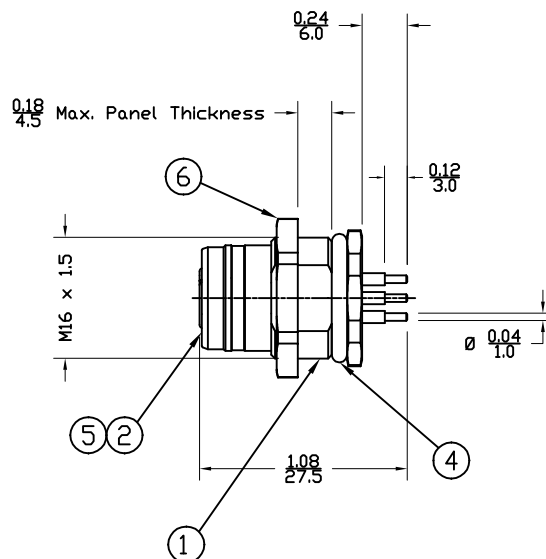
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SAP P/N#	ENGINEERING NO.
1200840030	WR5U40000

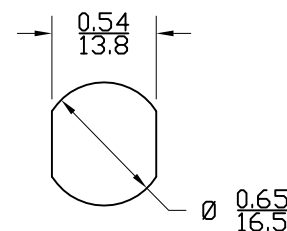
AUX VIEW
SCALE 3:4



FRONT VIEW



BACK VIEW



TYPICAL KNOCKOUT

NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. MATES WITH: M12 MALE CORD ASSY
4. ELECTRICAL SPECIFICATIONS:
VOLTAGE RATING: 60V AC/DC
CURRENT RATING: 4 AMPS
5. ASSEMBLY IS RoHS COMPLIANT

7	1	POTTING MATERIAL	EPDXY	
6	1	PANEL NUT, M16 X 1.5	CU ALLOY	NICKEL PLATED
5	1	O-RING	VITON	RED
4	1	O-RING	NITRILE	BLACK
3	5	SOCKET CONTACT	CU ALLOY	GOLD PLATED
2	1	INSERT	NYLON	BLACK
1	1	RECEPTACLE SHELL	BRASS	NICKEL PLATED
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

SD RELEASE	EC NO: WEL2010-0046	8/28/09
DRWN: VOU	CHKD: BWOODMAN	2009/08/31
APPR: JFMURPHY	2009/08/31	
REV	DESCRIPTION	
1		

QUALITY SYMBOLS
$\nabla = 0$
$\nabla C = 0$

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±.005
2 PLACES	±----	±.010
1 PLACE	±----	±.020

ANGULAR ±1°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
INCH/MM

DRAWN BY	DATE
VOU	2009/08/28
CHECKED BY	DATE
BWOODMAN	2009/08/31
APPROVED BY	DATE
JFMURPHY	2009/08/28
MATERIAL NO.	
SEE CHART	
SIZE	
A	

SCALE
1:1

DESIGN UNITS
INCH

THIRD ANGLE
PROJECTION

TITLE
ULTRA-LOCK RECPT BPM M16
FEMALE 5P M12 A-CODE
PCB MOUNT

MOLEX INCORPORATED

DOCUMENT NO.
SD-120084-009

SHEET NO.
1 OF 1

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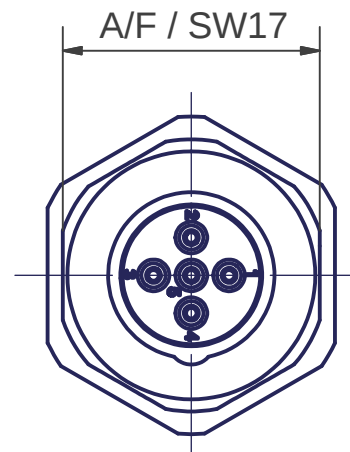
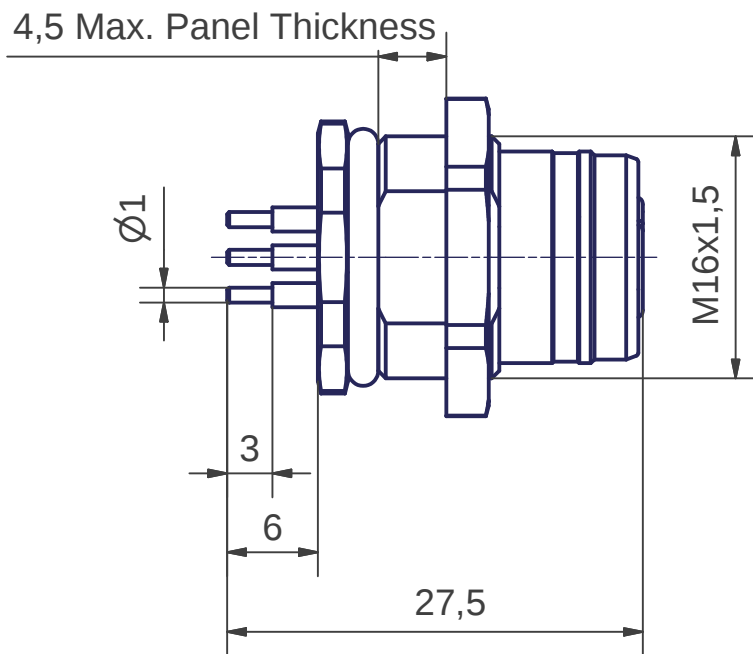
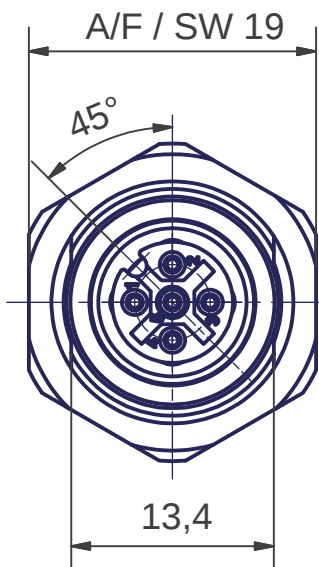
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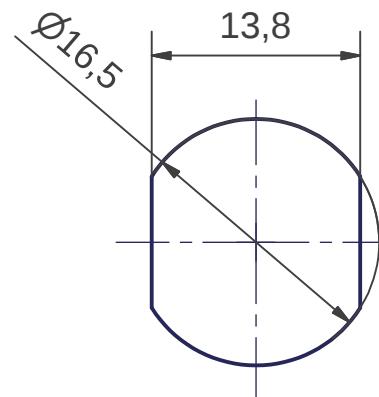
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Art. Nr. / p/n	SAP Nr.
WR5U40000	1200840030

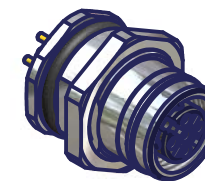


Allgemeine Kennwerte General Characteristics				Norm Standard	
Polzahl		Number of contacts		IEC 947-5-2	5
Bemessungsspannung		Rated Voltage		IEC 664	60V AC / DC
Verschmutzungsgrad		Pollution Degree		IEC 664	3
Betriebsstrom		Current carrying capacity		IEC 512-3 Test 5 b	4A
Durchgangswiderstand		Contact Resistance		IEC 512-2 Test 2 A	< 5mΩ
Bemessungsstoßspannung		Rated Impulse		IEC 664	2kV
Prüfspannung		Test Voltage		IEC 60512-2 Test 4 A	1 kV / 60 sec
Isolationswiderstand		Insulation Resistance		IEC 512-2 Test 3 A	< 10 GΩ
IP - Schutzart		IP Degree Of Protection		IEC 529	IP 67
Stift Durchmesser		Pin Diameter			1,0mm
Werkstoffe	Kontakte	Materials	Contacts		Kupferlegierung / copper alloy
	Kontaktoberfläche		Contacts Plating		Au/Ni
	Kontaktträger		Dielectric Material		PA 6.6
	Dichtung (O-Ring)		Gaskets (O-Ring)		NBR
	Gehäuse		Housing		CuZn (brass) mit Ni-Oberfläche Nickel Plated
Anschlußart		Termination			Solder
Brennbarkeit	Kontaktträger	Flammability	Inserts	UL 94	V-0
	Leitung / Kabel		Cable		VDE 0472 / 804
Mechanische Lebensdauer		Mechanical Operation			500 Steckzyklen / Mating Cycles
Temperaturbereich		Temperature Range		IEC 60668-1	-25°C / +90°C

Typical Knockout



(1:1)



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				UNLESS OTHERWISE SPECIFIED x = ± 1 X.X = ± 0,1 X.XX = ± 0,05 Winkel = 1°			Scale 2:1 (1:1)		Dimensions mm			
							Material Finish					
PROJECTION 1 : GER				M12U Rec 5-P Female Back Shielded M16x1,5								
											Date	Name
										PROC	20.11.2007	US
										CHK	20.11.2007	NS
										Norm.	20.11.2007	NS
				Woodhead Connectivity GmbH Gewerbstraße 60 75015 Bretten-Gölshausen Tel.: 07252/9496-0 Fax: 07252/9496-199								
01	WEU2009-0056	20.11.07	US	SD-WR5U40000						Sheet 1		
Rev.	Change	Date	Name							Filename SD-WR5U40000.idw		A3

Mouser Electronics

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