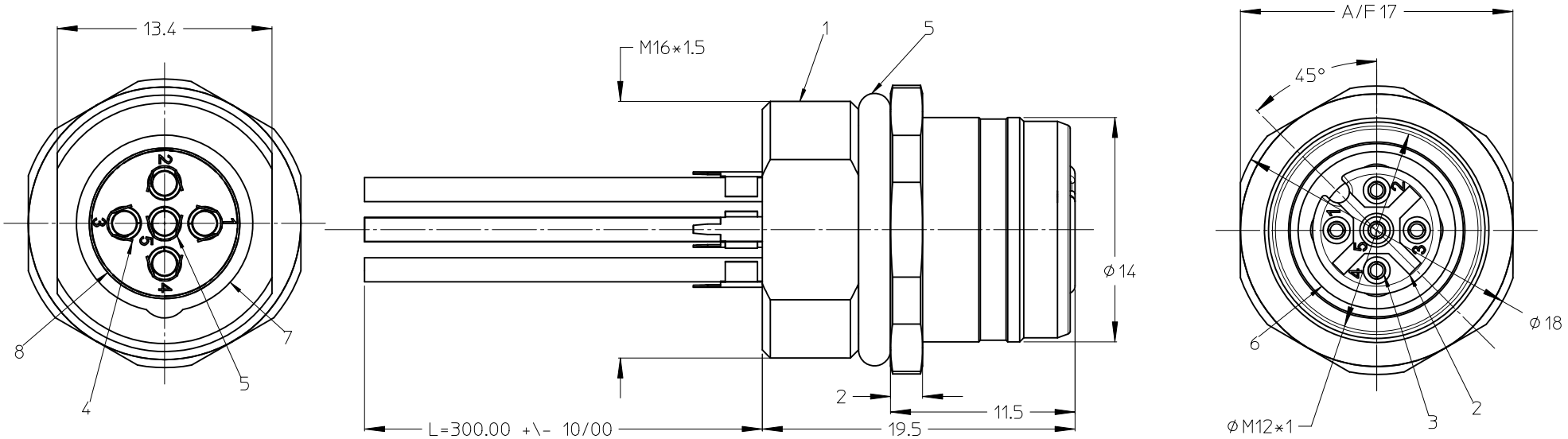
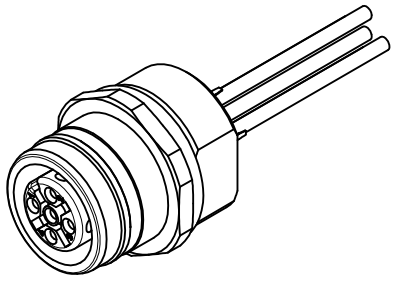
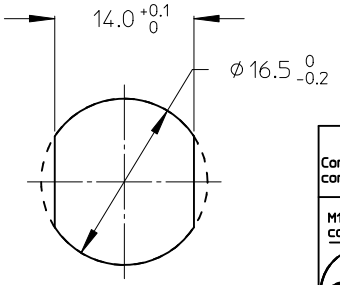


ITEM	COMPONENT	MATRIAL	FINISH
1	REC SHELL	BRASS	NICKEL PLATED
2	INSERT	PUR	BLACK
3	CONTACT	BRASS / GOLD	CuZn Ni/ Au
4	WIRES	COPPER/PVC	NONE
5	O-RING	NBR	BLACK
6	O-RING	VITON	RED
7	POTTING MATERIAL	EPOXY	NONE





POL	MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
05	1200845113	WR5U20E03C3003	300 ±10

Contact configuration	wire colour	wire mm²	Port
M12 connector	brown	0.34	1
	white	0.34	2
	blue	0.34	3
	black	0.34	4
	green/yellow	0.5	5

VOLTAGE RATING	250V
AMPERAGE RATING	4A
PROTECTION CLASS	IP 67/68/69K
OPERATING TEMPERATURE	-25°C / +90 °C
UL CERTIFICATION	FILE NO. E152210
CAS CERTIFICATION	FILE NO. LR6837

ENTER DESCRIPTION
EC NO: WEU2011-0036 2010/07/21
DRWN:RSILLER 2010/07/22
CH'KD:CFOERDERER 2010/07/22
APPR:APOHL
DESCRIPTION
REV
2

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.1	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	APOHL_WEU	2010/01/27
CHECKED BY	NSTAUDIGEL	2010/01/29
APPROVED BY	FPACHER	2010/02/01
MATERIAL NO.	1200845113	

TITLE: RECEPTACLE FEMALE M12-5P ULTRA LOCK, FRONT, M16

MOLEX INCORPORATED

DOCUMENT NO. SD-120084-010
SHEET NO. 1 OF 1
SIZE A3

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