



Description:
M12 Hybrid Receptacle Connector Insert with special keyway.
Parts to be free of paint wetting impairment substances.

Electrical Data:
Signal:
Poles:4
Max.Voltage:30V
Max.Current:0,5A at 55°C
Contact Resistance:<5m0hm
Insulation resistance:>100M0hm

Power:
Poles:2
Max.Voltage:30V
Max.Current:12A at 55°C
Contact Resistance:<5m0hm
Insulation Resistance:>100M0hm

Environmental:
Degree of Protection IP67
Temperature Range: -25°C to 75°C
Soldering Temperature: 180°C/ 20-40sec
at the placement side of the PCB

Packaging
Refer to PK-120355-001

Material compliant to ROHS directive 2002/95/EC

Pinout/PCB Layout Dimensions
refer to Drawing RAS-120355-001

ENTER DESCRIPTION EC NO: WEU2011-0056 DRAWN BY: RSILLER 2010/08/18 CHKD: EROEZDEMIR 2010/08/24 APPR: AVOGT 2010/08/27	QUALITY SYMBOLS ▽=3 ▽=1	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY RSILLER	DATE 2010/08/18	TITLE FEMALE RECEPTACLE PCB M12 CHT 4+2 HYBRIDE	MOLEX INCORPORATED	
2	DESCRIPTION REV	4 PLACES	± ---	± ---	CHECKED BY EROEZDEMIR	DATE 2010/08/24	MATERIAL NO. 1203550001		
		3 PLACES	± 0.05	± ---	APPROVED BY AVOGT	DATE 2010/08/27			
		2 PLACES	± 0.1	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
		1 PLACE	± 0.1	± ---	SIZE A2 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		ANGULAR ±0.5°							