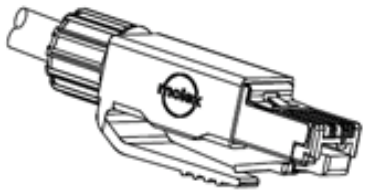
This document was generated on 06/08/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0857201050
Status: Active
Overview: rj45_industrial_ethernet_plugs_receptacles_and_accessories
Description: Modular Plug, RJ-45, Industrial Ethernet, Category 5, Shielded, IP20, 4 Data Circuits Loaded



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Modular Jacks/Plugs
Series	85720
Component Type	Wire Plug
Magnetic	No
Overview	rj45_industrial_ethernet_plugs_receptacles_and_accessor
Performance Category	5
Power over Ethernet (PoE)	N/A
Product Name	Industrial, RJ45

Physical

Color - Resin	Black
Durability (mating cycles max)	750
Inverted / Top Latch	N/A
Keying to Mating Part	None
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Polycarbonate
Orientation	N/A
PCB Locator	No
PCB Retention	N/A
Packaging Type	Tray
Panel Mount	N/A
Ports	1
Positions / Loaded Contacts	8/4
Temperature Range - Operating	-40°C to +70°C
Termination Interface: Style	N/A
Wire/Cable Type	Round

Electrical

Current - Maximum per Contact	1.5A
Grounding to PCB	No
Grounding to Panel	N/A
Shielded	Yes
Voltage - Maximum	48V

Material Info

Reference - Drawing Numbers

Application Specification	AS-85720-001
Sales Drawing	SD-85720-002

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

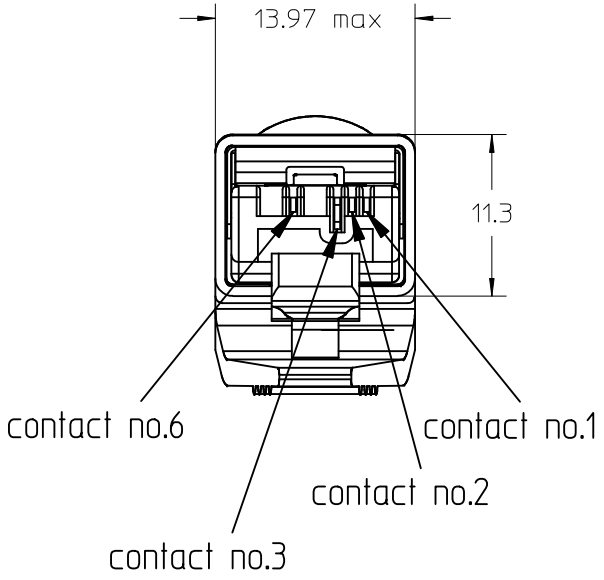
Please visit the Contact Us section for any non-product compliance questions.

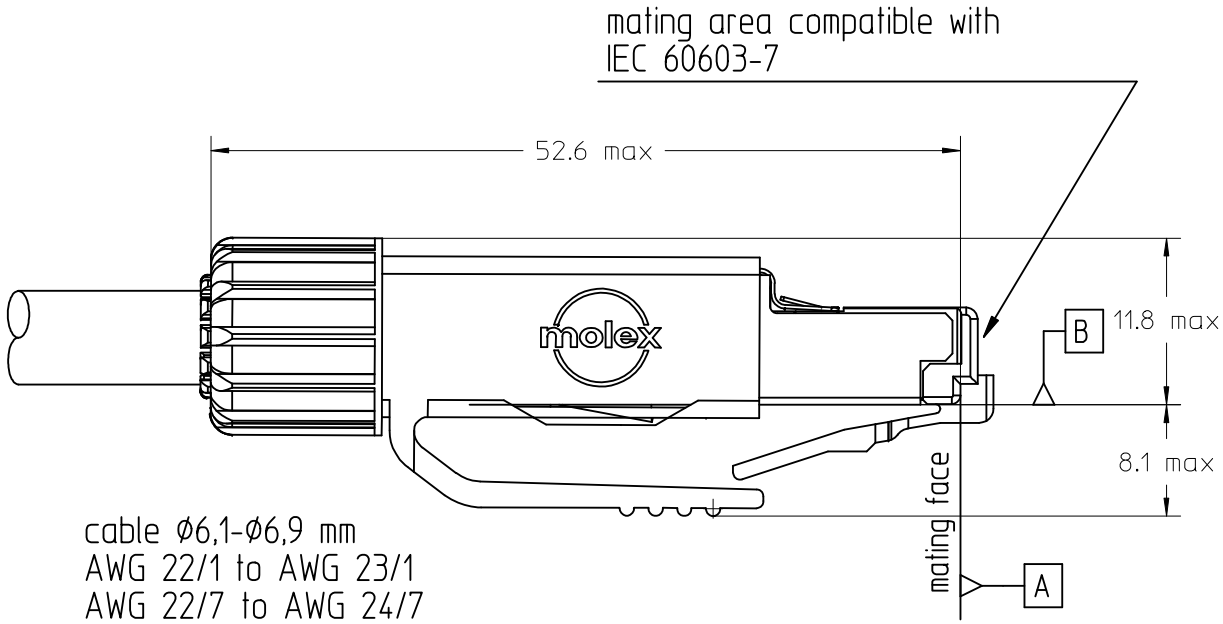
Search Parts in this Series
85720Series

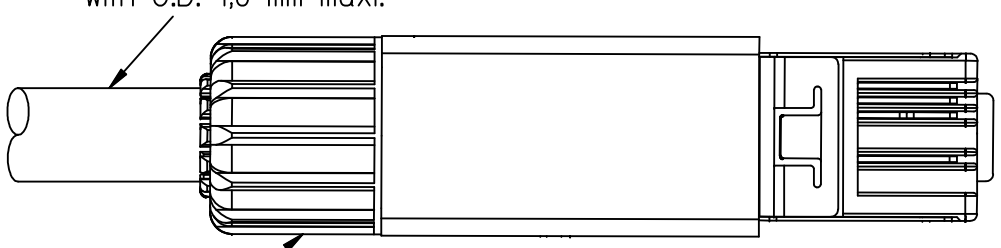
Mates With
RJ-45 Jacks and Accessories

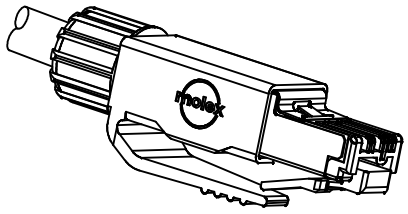
This document was generated on 06/08/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION









ENTER DESCRIPTION	DESCRIPTION	REV
EC NO: MG2006-0187 2008/12/19		
DRWN:CSEBASTI 2008/12/19		
CH'KD:RSILLER 2008/12/19		
APPR:AVOGT 2008/12/19		
		2

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS
MM ONLY	2:1	METRIC

FIRST ANGLE PROJECTION

DRAWN BY: KNOLLER	DATE: 05/06/16
CHECKED BY: FCARABET	DATE: 05/06/20
APPROVED BY: KNOLLER	DATE: 05/06/21

TITLE: RJ INDUSTRIAL THERMOPL.SHIELDED IP20 PLUG WITH 4DATA CONT.

molex MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
85720-1050	SD-85720-002	1 OF 1

SIZE A4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION