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Part Number: [0906631102](#)
Status: **Active**
Description: 2.54mm (.100") Pitch QF-50™ Vertical, MIL Keying with Latch/Eject Levers, Shrouded Header, 10 Circuits

Documents:

[3D Model](#) [Product Specification PS-99020-0015 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

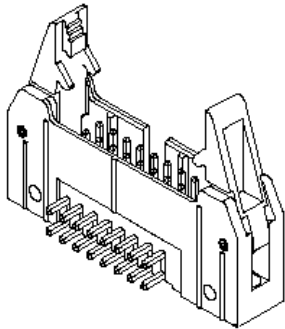
Product Family Ribbon Cable / Wire Trap Connectors
Series [90663](#)
Comments Eject Levers
Component Type PCB Header
Glow-Wire Compliant No
Product Name QF-50™

Physical

Circuits (Loaded) 10
Color - Resin Black
Durability (mating cycles max) 300
Entry Angle Vertical
Flammability 94V-0
Lock to Mating Part None
Material - Metal Brass
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Polyester
Number of Rows 2
PCB Retention None
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Tray
Pitch - Mating Interface (in) 0.100 In
Pitch - Mating Interface (mm) 2.54 mm
Plating min: Mating (µin) 30
Plating min: Mating (µm) 0.76
Plating min: Termination (µin) 118
Plating min: Termination (µm) 3
Polarized to PCB No
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -25°C to +85°C
Termination Interface: Style Through Hole
Wire Insulation Diameter N/A
Wire Size AWG N/A
Wire/Cable Type Ribbon Cable

Electrical

Current - Maximum per Contact 2.5A
Voltage - Maximum 250V AC/DC



Series
image - Reference only

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
[90663Series](#)

Mates With
[90635](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	230

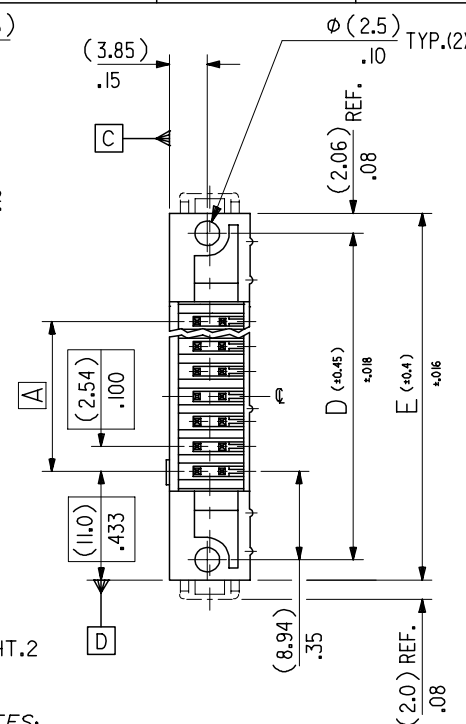
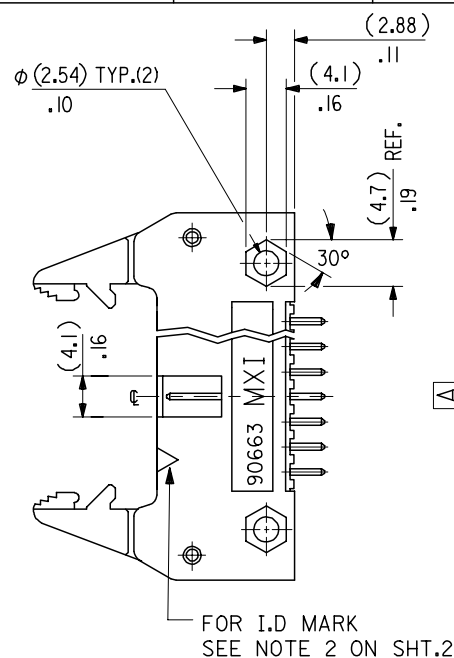
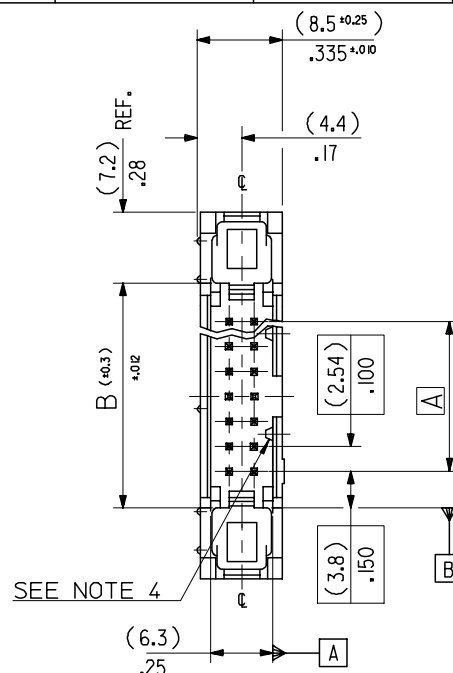
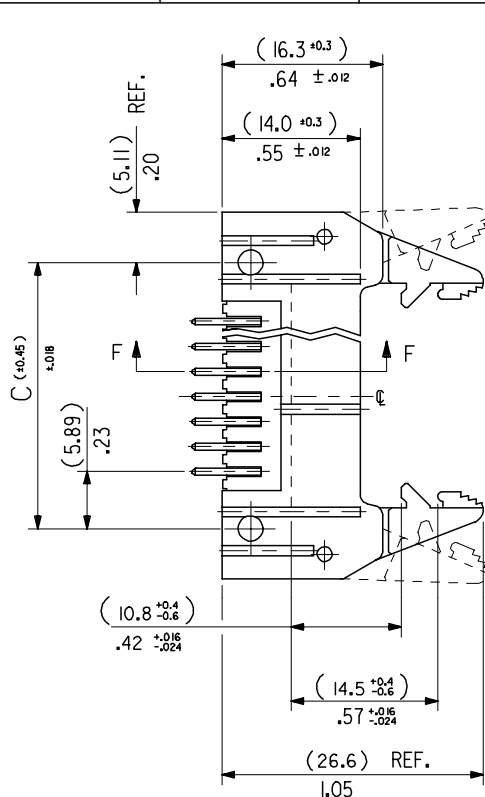
Material Info

Reference - Drawing Numbers

Product Specification	PS-99020-0015
Sales Drawing	SDA-90663E

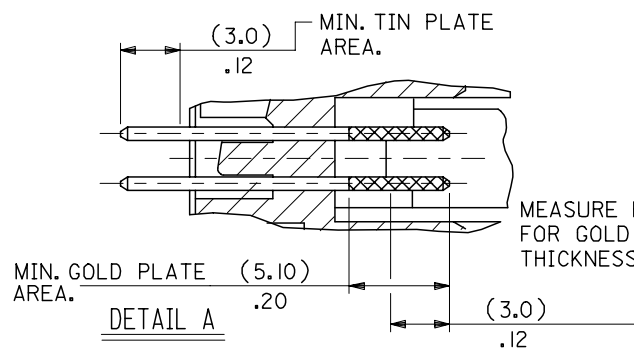
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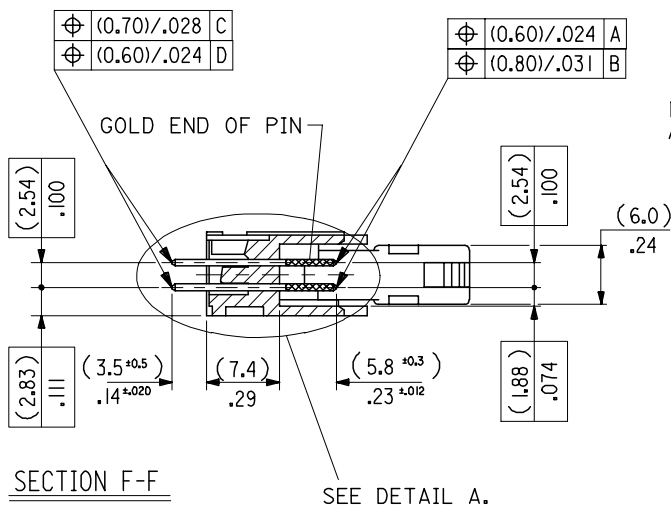


NOTES:

- 1: FOR MATERIAL SPECIFICATION SEE NOTE 1. ON SHEET 2.
- 2: FOR RECOMMENDED P.C.B. HOLE PATTERN, PART No's AND UNSTATED DIMENSIONS SEE SHEET 2.
- 3: PRODUCT SPEC.No.: PS-99020-0015.
- 4: THIS RIB IS NOT PRESENT ON 10 & 14 CKT PARTS.



DIMENSIONS FOR SELECTIVE PLATING'S, SCALE 4:1



ADDED SHT 9		EC NO: E2007-0243		DRAWING: DWSJK1EWI C7 2007/10/11/10		CHKD: J.DENNEHY 2007/01/12/2		APPR: J.DENNEHY 2007/01/12/3		DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE			SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
												▽=0		mm			MM/IN			2:1		METRIC		◎ □	
												▽=0		INCH			DRAWN BY			DATE		TITLE		QF50 SRD HDR	
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														± 0.008			J.DENNEHY			2004/11/24					
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														ANGULAR ± 2 °			MATERIAL NO.			DOCUMENT NO.				SHEET NO.	
														DRAFT WHERE APPLICABLE			SEE SHEET 2			SDA-90663E				1 OF 9	
														MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
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