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TECHNICAL SPECIFICATIONS

INSULATOR : Self extinguishing Thermoplastics-UL CLASS 94 V0
CONTACTS : Copper alloy with GOLD over NICKEL
SHELLS : Steel with Nickel Plated

CONTACT ACTIVE ZONE : GOLD over Nickel
(200 matings)
TERMINATION ZONE : TIN over Nickel

Current Rating : 48V/24A for Power contact
0.375 A for signal contact

Test Voltage : 1000V
Contact Resistance : For Power contacts- $\leq 10\text{m}\Omega$
For Signal conatcts - $\leq 25\text{m}\Omega$
Insulation Resistance : 5000M Ω m

Operating temperature : 70°C+30°C Temperature rise
Mechanical Endurance : 200 matings
Damp Heat : 21 days
Wire Size : Power -8AWG
Signal - AWG 20/24
Contacts : Power contacts -Solder/Crimp
Signal contacts - Solder
Max.Dia of wire : 1.52mm (AWG 20/24),

Connector is FMLB Compatible

ORDERING INFORMATION

10070165-001 19 A LF

001- Without Shunt

A-No ACCESSORY

002- With Shunt

View for Shunt option



Cable shunt soldered with signal contacts

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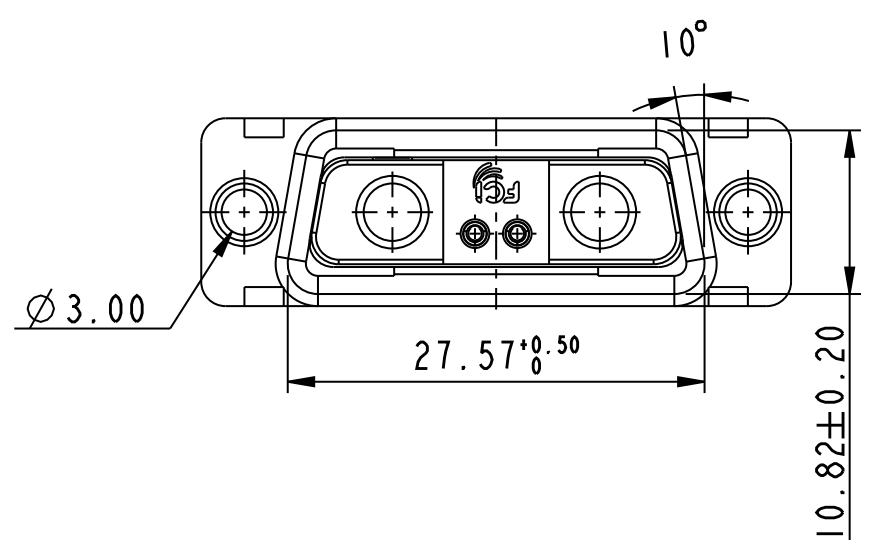
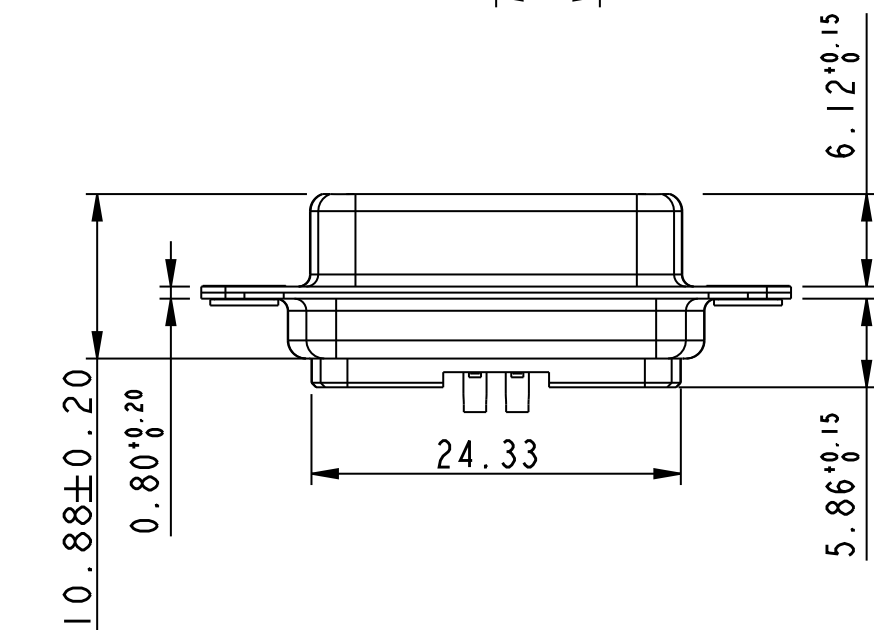
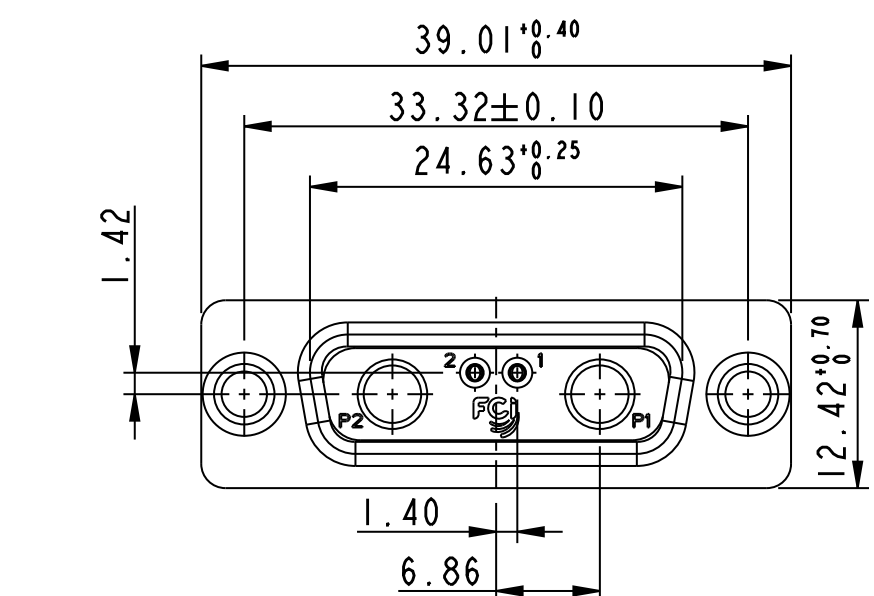
surface - ☒ ISO 1302 tolerance std ☒ ISO 406 ☒ ISO 1101

TOLERANCES UNLESS OTHERWISE SPECIFIED

Dr	SINESH	2007-01-10	ANGULAR	LINEAR	0.X	±.3	size	A3	Scale	1:1
Eng	NIRMAL G	2007-12-05	0°	±2°	0.XX	±.10	ECN	111-0177		
Chr	NIRMAL.G	2007-12-05			0.XXX	±.050	Product family	-D-SUB	Spec ref	
Appr	BIJU.K.PAUL	2007-12-06								

rev	ecn no	dr	date
A	107-0051	NG	2007-07-17
B	111-0177	RPK	2011-10-24
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-	-	-	-
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FCI	title	FEMALE CABLE CONNECTOR-48V	dwg no	10070165	Rev.	B
		MicroTCA Power I/O Connector				
	catalog no	-	CUSTOMER	sheet 1 of 1		



"This Product Meets European union directives & other country regulations as described in GS-22-008"
Packing asper GS 14-1104

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FDM: Rev:B

STATUS: Released

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