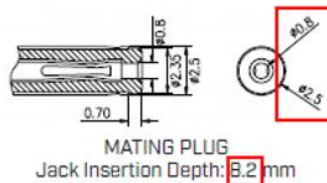
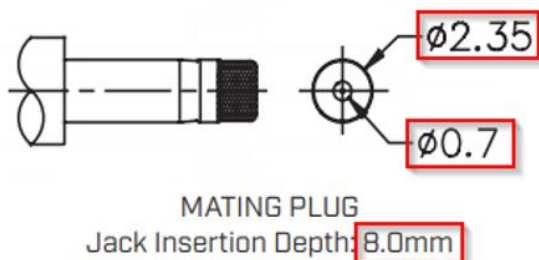


	MATERIAL	PLATING
center pin	brass	silver
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
plastic	PA6T or equivalent	

DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	copper alloy	silver
terminal 1	copper alloy t=0.30	silver
terminal 2	copper alloy t=0.25	silver
terminal 3	copper alloy t=0.25	silver
housing	PA10T (UL94V-0)	black



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current			2.5		A
contact resistance ¹	between terminal and mating plug		50		mΩ
	between terminal in a closed circuit		30		mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute		500		Vdc
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life	at a rate of 24 cycles/minute		5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

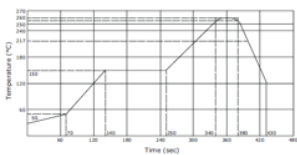
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current			2.5		A
contact resistance	between terminal and mating plug		50		mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute		500		Vdc
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reflow storage	at relative humidity $\leq 80\%$		40		°C
reflow soldering ²	see reflow profile	255	260	265	°C
drying conditions ³	parts in reel: bake at 40°C ±5°C for 72 hours parts removed from reel: bake at 40°C ±5°C for 10 hours				

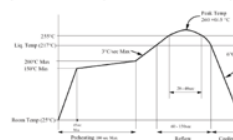
note: 3. Must reflow solder within 72 hours from opening vacuum packaging at a temperature $\leq 80\%$ relative humidity $\leq 80\%$. 4. when exceeding floor life by ≥ 72 hours.

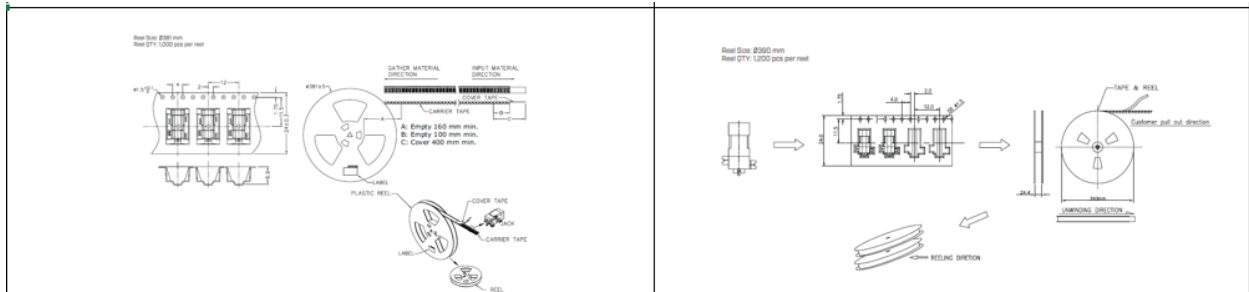


SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reflow storage	540°C, $\leq 80\%$ humidity		255	260	°C
reflow soldering	see reflow profile	255	260		°C

note: 1. D32 Device recommends usage of the product within 24 hours after TSS is opened. After 24 hours, D32 Device recommends drying the parts prior to use.





Affected Date Code: **2/23/23**

Product Availability: **Channel Availability Q2**

Additional Information:

PCN Approval:

Operations/Quality



Product Management

