





PRODUCT NUMBER
10127401-04H1430LF

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NOTES:

1. PRODUCT MARK:
PART NUMBER AND DATE CODE TO BE MARKED ON THIS SURFACE.
THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.
2. MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC WITH GLASS FIBER, UL94V-0, BLACK.
POWER CONTACTS: HIGH CONDUCTIVITY COPPER ALLOY.
SIGNAL CONTACTS: COPPER ALLOY.
HOLD DOWN: COPPER ALLOY.
3. PLATING SPECIFICATION: AFCI 10135186.
4. DENOTES CONNECTOR KEEP OUT ZONE.
5. DATUM AND BASIC DIMENSION ARE ESTABLISHED BY CUSTOMER.
6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
7. 1.150 ± 0.025 mm DRILLED HOLE PLATED WITH $7.62 \mu\text{m}$ MIN Sn OVER $25.4 \mu\text{m}$ - $76.2 \mu\text{m}$ Cu PLATING TO ACHIEVE A 1.02 ± 0.07 mm FINISHED HOLE.
8. THE HOUSING WILL WITHSTAND EXPOSURE TO 245°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.
9. THE VOID CORING BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT TO OPTIMIZE THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT THE PRODUCT FUNCTION.
10. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN AFCI GS-47-0004.
11. PRODUCT SPECIFICATION: AFCI GS-12-1176.
APPLICATION SPECIFICATION: AFCI GS-20-0389.
PRODUCT PACKAGE SPECIFICATION: AFCI GS-14-2354.

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Amphenol
FCi

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spec ref	-	dr	De-Ming Lu	2016/02/25	projection	MM	size	A2	scale	2:1
tolerance std		eng	De-Ming Lu	2016/08/12						
ISO 406	TOLERANCES UNLESS	chr	Fancy Zhang	2016/08/12						
ISO 1101	OTHERWISE SPECIFIED	oppr	Pei-Ming Zheng	2016/08/12	product family	PwrBlade	ULTRA	rel level	Released	
surface	linear	0.X	± 0.5	Amphenol FCi	8HP+12S+3HVP, SOLDER		drwg no	10127401-04H1430	rev	
		0.XX	± 0.25		R/A RECEPTACLE, PwrBlade ULTRA					
		0.XXX	± 0.130			cat. no.	-	Product	- Customer Drw	sheet 3 of 3
ISO 1302	angular	0°	$\pm 2^\circ$							