



spec ref	SEE NOTES			dr	C. BAROT	2006-01-04	Amphenol Power Solutions A Division of Amphenol Corporation amphenol-icc.com	MM	scale	size
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	J. BROWN	2006-01-04		↔	1:1	A4
ISO 406				r vwr	J. BROWN	2006-01-04		ecn no		.
ISO 1101				appr	J. BROWN	2006-01-04		rel level	Change In Progress	
surface	linear	0.X	±0.5	projection		title 3ACP + 48S + 5P RIGHT ANGLE SOLDER HEADER	dng no 51783	rev C		
		0.XX	±0.25							
		0.XXX	±0.100							
ISO 1302	angular	0°	±2°			product family	PwrBlade	Product - Customer Drw		sheet 2 of 3

Creo File: APN-PWR-ACC; REV B; 2021-09-07

CONNECTOR NOTES:

- 1. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
- POWER CONTACT MATERIAL: COPPER ALLOY
- SIGNAL CONTACT MATERIAL: COPPER ALLOY

- 2. PLATING:
 - SIGNAL PINS: 30u"/0.76u Au OVER 50u"/1.27u Ni
 - POWER CONTACTS: 50u"/1.27u Ni UNDER ALL;
 - WITH 30u"/0.76u Au ON CONTACT AREA
 - AND SnPb ON PCB INTERFACE

③ "MANUFACTURER'S" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE

- 4. PRODUCT SPECIFICATION GS-12-149

PCB NOTES:

- 5. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- 6. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
- 7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
- 8. $\varnothing 0.126$ [3.20] THROUGH HOLES ARE UNPLATED.
- 9. $\varnothing 0.0453 \pm 0.0010$ [1.151 ± 0.025] DRILLED HOLES PLATED WITH 0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu PLATING TO ACHIEVE A $\varnothing 0.040 \pm 0.003$ [1.02 ± 0.07] HOLE.

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surface	linear	0.X	± 0.5	projection	title	3ACP + 48S + 5P	cat. no.	51783	rev	
		0.XX	± 0.25							
		0.XXX	± 0.100							
ISO 1302	angular	0°	$\pm 2^\circ$		RIGHT ANGLE SOLDER HEADER	Product - Customer Drw	sheet 3 of 3			
product family		PwrBlade		Product - Customer Drw		sheet 3 of 3				

Creo File: APH-PWR-ACC; REV B; 2021-03-07