



1. MATERIALS:

INSULATOR - GLASS FILLED POLYPHENYLENE SULFIDE PER MIL-M-24518, GST-40F
CONTACT - COPPER ALLOY

2. FINISH: 2

CONTACT PLATING OPTIONS

53 = POINT OF CONTACT TO BE PLATED PER MIL-G-45204 TYPE II, CLASS 1, GRADE C OVER NICKEL PER QQ-N-290 CLASS 2 .000050 MIN, REMAINDER OF CONTACT TO HAVE A FLASH OF GOLD OVER NICKEL.
55 = ENTIRE CONTACT TO BE PLATED PER MIL-G-45204 TYPE II, CLASS 1, GRADE C OVER NICKEL PER QQ-N-290 CLASS 2 .000050 MIN.

3. SPECIFICATIONS:

CURRENT RATING ----- 3 AMPS MAX
TEMPERATURE RATING ----- -55° C TO +125° C
INSULATION RESISTANCE ----- 5000 MEGOHMS MIN AT 500 VDC DWV AT SEA LEVEL ----- 750 VAC
CONTACT RESISTANCE ----- 10 MILLIOHMS MAX AT 3 AMPS
INSERTION FORCE ----- 6 oz MAX
WITHDRAWAL FORCE ----- 0.5 oz MIN

CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	DWG. NO.	
	LOW PROFILE GRIDTEK MODULAR	106	
FILENAME	CODE IDENT NO. 67720	SHT 1 OF 2	REV C
ADS-106-1	TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°		

GRIDTEK CUSTOMIZING WORKSHEET

COLUMNS

	1	2	3	4	5	6	7	8	9	10	11	12
ROWS 1												
2												
3												
4												
5												

LARGEST GRIDTEK CONFIGURATION (60 CONTACTS)

COLUMNS

	1	2	3	4	5	6	7	8
ROWS 1								
2								
3								

COLUMNS

	1	2	3	4	5
ROWS 1					
2					
3					

COLUMNS

	1	2	3	4	5
ROWS 1					

THE WHY & HOW OF GRIDTEK

1. GRIDTEK CONNECTORS ARE DESIGNED FOR STACKING TWO CIRCUIT BOARDS BACK TO BACK. THESE ACCOMMODATING CONNECTORS ARE LOW PROFILE AND MATE WITH STANDARD .100 X .100 GRID ARRAYS OF .025 ±.001 SQUARE CONTACTS.
2. GRIDTEK CONNECTORS ARE AVAILABLE IN THE STANDARD CONFIGURATIONS ILLUSTRATED ON THIS PAGE. THE GRIDTEK CONNECTOR SYSTEM CAN BE EASILY MODIFIED FOR USE WITH CUSTOM LAYOUTS WITH OUT MAJOR DESIGN COSTS AND DELIVERY DELAYS.
3. FOR CUSTOM GRIDTEK PART NUMBERS, COMPLETE THE PART NUMBERING SYSTEM ON THE PREVIOUS PAGE BY INDICATING THE NUMBER OF COLUMNS, ROWS AND CONTACTS.

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	LOW PROFILE GRIDTEK MODULAR	106		
	FILENAME	CODE IDENT NO.	SHT	OF
ADS-106-2	67720	2	2	C
		TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°		