



- 104 - ### - # - MIL - T

HOT SOLDER DIPPED TERMINATION AREA - BY ADDING THE "T" SUFFIX, MIL PLATED CONTACTS MAY BE ORDERED WITH SOLDER DIP AS A "VALUE ADDED" OPTION WITHOUT THE PROCESS BEING INDICATED IN THE MIL PART NUMBER (DO NOT USE WITH SD PLATING OPTION)

QPL'D CONNECTOR - SEE CROSS REFERENCE SHEET FOR P/N

CONTACT TAIL LENGTH
A = .115 ± .010
C = .145 ± .010

CONNECTOR SIZE
02 THRU 65 CONTACTS

CRISTEK PRODUCT SERIES

CONTACT PLATING Δ

1. MATERIALS:

INSULATOR - PHENOLIC PER MIL-M-14
CONTACT - BERYLLIUM COPPER ALLOY

2. FINISH: Δ

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.

SD = HOT SOLDER DIPPED TERMINATION AREA. 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.

3. SPECIFICATIONS:

CURRENT RATING ----- 3 AMPS MAX
TEMPERATURE RATING ----- -65° C TO +125° C
INSULATION RESISTANCE ----- 5000 MEGOHMS MIN AT 500 VDC
DWW AT SEA LEVEL ----- 750 VAC
CONTACT RESISTANCE ----- 12 MILLIOHMS MAX AT 3 AMPS
INSERTION FORCE ----- 6 oz MAX
WITHDRAWAL FORCE ----- 0.75 oz MIN

4. MARKING:

IDENTIFY CONNECTOR IN ACCORDANCE WITH MIL-STD-1285. THE FIRST AND LAST CIRCUIT SHALL BE NUMBERED AND EVERY FIFTH CIRCUIT SHALL HAVE AN IDENTIFIABLE MARK IN THE TOP SURFACE OF THE HOUSING, BEGINNING WITH THE LEFT (NO. 1), LOOKING AT THE MATING FACE OF THE CONNECTOR.

5. ADDITIONAL INFORMATION:

FOR MORE OPTIONS AND CONFIGURATIONS, CONTACT CRISTEK.

A	B	A	B
NO. OF CONTACTS	±.010	NO. OF CONTACTS	±.010
02	.100	34	3.300
03	.200	35	3.400
04	.300	36	3.500
05	.400	37	3.600
06	.500	38	3.700
07	.600	39	3.700
08	.700	40	3.900
09	.800	41	4.000
10	.900	42	4.100
11	1.000	43	4.200
12	1.100	44	4.300
13	1.200	45	4.400
14	1.300	46	4.500
15	1.400	47	4.600
16	1.500	48	4.700
17	1.600	49	4.700
18	1.700	50	4.900
19	1.800	51	5.000
20	1.900	52	5.100
21	2.000	53	5.200
22	2.100	54	5.300
23	2.200	55	5.400
24	2.300	56	5.500
25	2.400	57	5.600
26	2.500	58	5.700
27	2.600	59	5.800
28	2.700	60	5.900
29	2.800	61	6.000
30	2.900	62	6.100
31	3.000	63	6.200
32	3.100	64	6.300
33	3.200	65	6.400

CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	MILITARY SINGLE ROW BOX		
	FILENAME	ADS-104MIL-1		
DWSG. NO.		M55302/127		
CODE / IDENT NO.	SHT	OF	REV	
67720	1	1	C	
TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°				