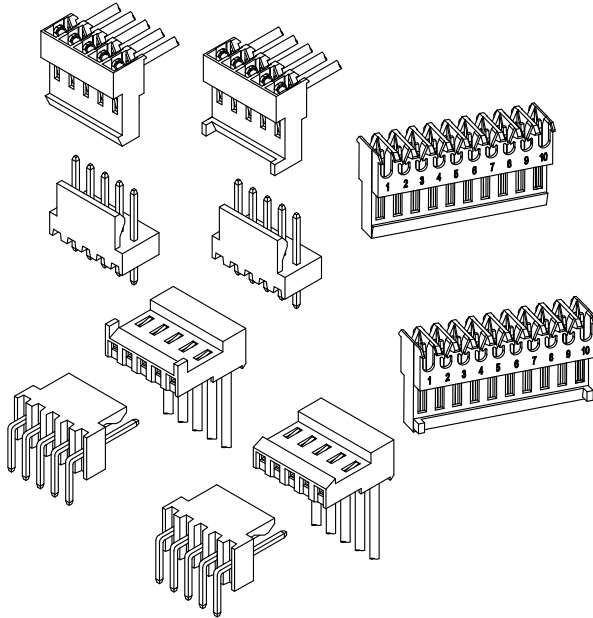


A2546 AMP 2.54 IDC CONNECTOR

2.54mm Pitch/Disconnectable Insulation displacement connectors



- Secure locking structure
- Low insertion force
- Suction area for picking up
- Improvement of engagement with prying

Specifications:

- Current rating: 3.0 A / AC,DC (AWG #22)
- Voltage rating: 250 V AC/DC
- Temperature range: -40°C ~ +105°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 30m Ω max
Insulation resistance: 1000 M Ω min
Withstanding voltage: 1500 VAC/minute
Applicable wire: Conductor size/ AWG#28~#22
Insulation O.D./ 0.80 to 1.63 mm
- * Compliant with RoHS2/ REACH
- * Refer to "General Instruction and Notice when using Terminals and Connectors"
- * Contact CSG for details

Material:

Housing: PA66/UL94-V2;Color:

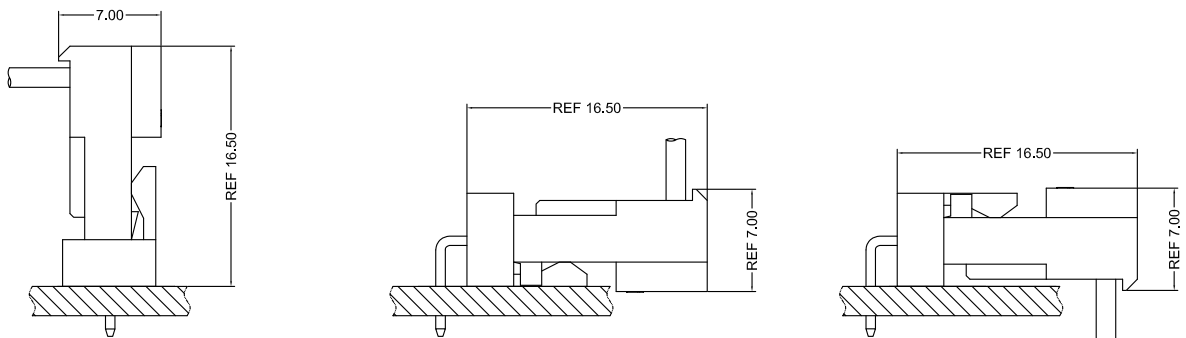
Red/ White/ Black/ Blue/ Yellow/ Green

GAP:PA66/UL94-V2;Color: Transparent

Terminal: Phosphor/ Tin-plated

DIP Wafer Housing: PA66,UL94-V0;Color:Black/ White

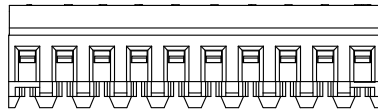
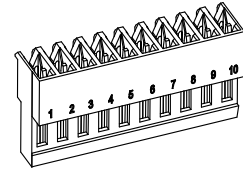
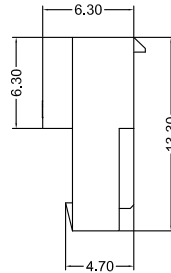
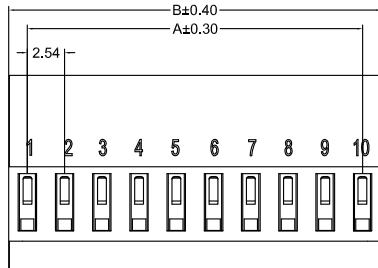
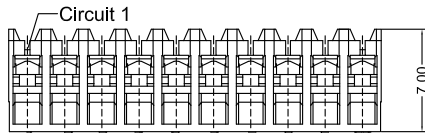
DIP Wafer Pin: Brass/ Tin-plated



- Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ± 0.08 mm for all centers.
3. The dimensions above should serve as a guideline. Contact CSG for details.

CSG

A2546 AMP 2.54 IDC



A2546HI 0XX AT P6 XX XX X 001

PIN
005=5PINS

SPECIAL:
AT=Have BOSS

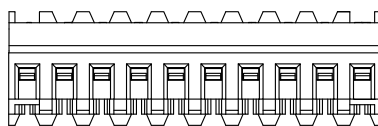
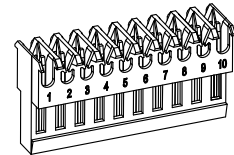
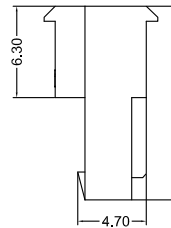
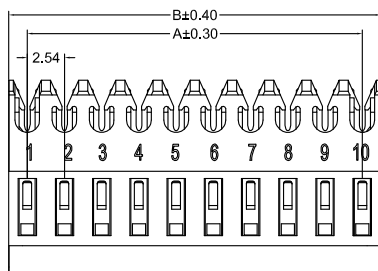
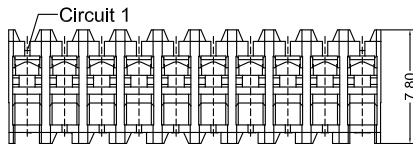
Material
P6=PA66 94V-2

AWG#
22=22 AWG
24=24 AWG
26=26 AWG
28=28 AWG

Code
001
Color
2=Red
9=White
6=Blue
5=Green
0=Black

Finish
TP=Tin-Plated
S0=SN+GF

CSG PART NO.	Dimension mm		Q'ty/BAG
	A	B	
A2546HI002ATP6XXXXX001	2.54	5.08	1000PCS
A2546HI003ATP6XXXXX001	5.08	7.62	1000PCS
A2546HI004ATP6XXXXX001	7.62	10.16	1000PCS
A2546HI005ATP6XXXXX001	10.16	12.70	1000PCS
A2546HI006ATP6XXXXX001	12.70	15.24	1000PCS
A2546HI007ATP6XXXXX001	15.24	17.78	1000PCS
A2546HI008ATP6XXXXX001	17.78	20.32	1000PCS
A2546HI009ATP6XXXXX001	20.32	22.86	1000PCS
A2546HI010ATP6XXXXX001	22.86	25.40	1000PCS
A2546HI011ATP6XXXXX001	25.40	27.94	1000PCS
A2546HI012ATP6XXXXX001	27.94	30.48	1000PCS
A2546HI013ATP6XXXXX001	30.48	33.02	1000PCS
A2546HI014ATP6XXXXX001	33.02	35.56	1000PCS
A2546HI015ATP6XXXXX001	35.56	38.10	1000PCS
A2546HI016ATP6XXXXX001	38.10	40.64	1000PCS
A2546HI017ATP6XXXXX001	40.64	43.18	1000PCS
A2546HI018ATP6XXXXX001	43.18	45.72	1000PCS
A2546HI019ATP6XXXXX001	45.72	48.26	1000PCS
A2546HI020ATP6XXXXX001	48.26	50.80	1000PCS
A2546HI021ATP6XXXXX001	50.80	53.24	1000PCS
A2546HI022ATP6XXXXX001	53.24	55.88	1000PCS
A2546HI023ATP6XXXXX001	55.88	58.42	1000PCS
A2546HI024ATP6XXXXX001	58.42	60.96	1000PCS



A2546HI 0XX AT P6 XX XX X 002

PIN
005=5PINS

SPECIAL:
AT=Have BOSS

Material
P6=PA66 94V-2

AWG#
22=22 AWG
24=24 AWG
26=26 AWG
28=28 AWG

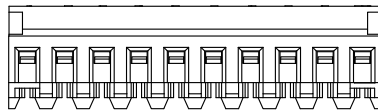
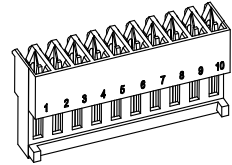
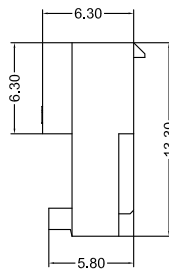
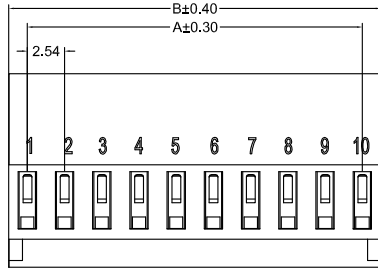
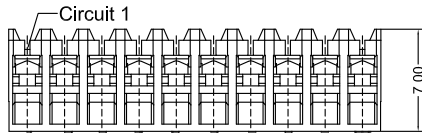
Code
002
Color
2=Red
9=White
6=Blue
5=Green
0=Black

Finish
TP=Tin-Plated
S0=SN+GF

CSG PART NO.	Dimension mm		Q'ty/BAG
	A	B	
A2546HI002ATP6XXXXX002	2.54	5.08	1000PCS
A2546HI003ATP6XXXXX002	5.08	7.62	1000PCS
A2546HI004ATP6XXXXX002	7.62	10.16	1000PCS
A2546HI005ATP6XXXXX002	10.16	12.70	1000PCS
A2546HI006ATP6XXXXX002	12.70	15.24	1000PCS
A2546HI007ATP6XXXXX002	15.24	17.78	1000PCS
A2546HI008ATP6XXXXX002	17.78	20.32	1000PCS
A2546HI009ATP6XXXXX002	20.32	22.86	1000PCS
A2546HI010ATP6XXXXX002	22.86	25.40	1000PCS
A2546HI011ATP6XXXXX002	25.40	27.94	1000PCS
A2546HI012ATP6XXXXX002	27.94	30.48	1000PCS
A2546HI013ATP6XXXXX002	30.48	33.02	1000PCS
A2546HI014ATP6XXXXX002	33.02	35.56	1000PCS
A2546HI015ATP6XXXXX002	35.56	38.10	1000PCS
A2546HI016ATP6XXXXX002	38.10	40.64	1000PCS
A2546HI017ATP6XXXXX002	40.64	43.18	1000PCS
A2546HI018ATP6XXXXX002	43.18	45.72	1000PCS
A2546HI019ATP6XXXXX002	45.72	48.26	1000PCS
A2546HI020ATP6XXXXX002	48.26	50.80	1000PCS
A2546HI021ATP6XXXXX002	50.80	53.24	1000PCS
A2546HI022ATP6XXXXX002	53.24	55.88	1000PCS
A2546HI023ATP6XXXXX002	55.88	58.42	1000PCS
A2546HI024ATP6XXXXX002	58.42	60.96	1000PCS



A2546 AMP 2.54 IDC



A2546HI 0XX AP P6 XX XX X 001

PIN
005=5PINS

SPECIAL
AP=Pillars

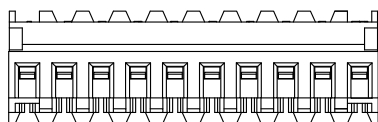
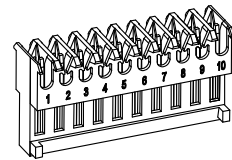
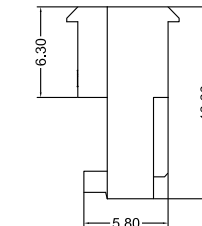
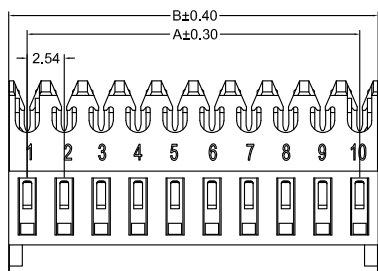
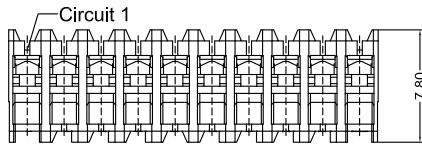
Material
P6=PA66 94V-2

AWG#
22=22 AWG
24=24 AWG
26=26 AWG
28=28 AWG

Code
001
Color
2=Red
9=White
6=Blue
5=Green
0=Black

Finish
TP=Tin-Plated
S0=SN+GF

CSG PART NO.	Dimension mm		Q'ty/BAG
	A	B	
A2546HI002AAP6XXXXX001	2.54	5.08	1000PCS
A2546HI003AAP6XXXXX001	5.08	7.62	1000PCS
A2546HI004AAP6XXXXX001	7.62	10.16	1000PCS
A2546HI005AAP6XXXXX001	10.16	12.70	1000PCS
A2546HI006AAP6XXXXX001	12.70	15.24	1000PCS
A2546HI007AAP6XXXXX001	15.24	17.78	1000PCS
A2546HI008AAP6XXXXX001	17.78	20.32	1000PCS
A2546HI009AAP6XXXXX001	20.32	22.86	1000PCS
A2546HI010AAP6XXXXX001	22.86	25.40	1000PCS
A2546HI011AAP6XXXXX001	25.40	27.94	1000PCS
A2546HI012AAP6XXXXX001	27.94	30.48	1000PCS
A2546HI013AAP6XXXXX001	30.48	33.02	1000PCS
A2546HI014AAP6XXXXX001	33.02	35.56	1000PCS
A2546HI015AAP6XXXXX001	35.56	38.10	1000PCS
A2546HI016AAP6XXXXX001	38.10	40.64	1000PCS
A2546HI017AAP6XXXXX001	40.64	43.18	1000PCS
A2546HI018AAP6XXXXX001	43.18	45.72	1000PCS
A2546HI019AAP6XXXXX001	45.72	48.26	1000PCS
A2546HI020AAP6XXXXX001	48.26	50.80	1000PCS
A2546HI021AAP6XXXXX001	50.80	53.24	1000PCS
A2546HI022AAP6XXXXX001	53.24	55.88	1000PCS
A2546HI023AAP6XXXXX001	55.88	58.42	1000PCS
A2546HI024AAP6XXXXX001	58.42	60.96	1000PCS



A2546HI 0XX AP P6 XX XX X 002

PIN
005=5PINS

SPECIAL
AP=Pillars

Material
P6=PA66 94V-2

AWG#
22=22 AWG
24=24 AWG
26=26 AWG
28=28 AWG

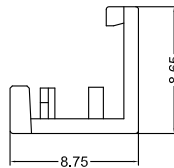
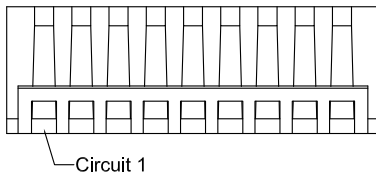
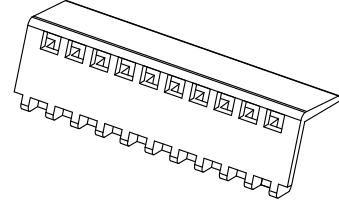
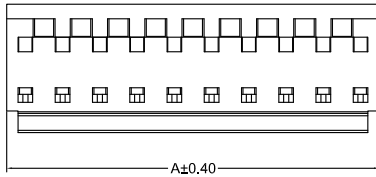
Code
002
Color
2=Red
9=White
6=Blue
5=Green
0=Black

Finish
TP=Tin-Plated
S0=SN+GF

CSG PART NO.	Dimension mm		Q'ty/BAG
	A	B	
A2546HI002AAP6XXXXX002	2.54	5.08	1000PCS
A2546HI003AAP6XXXXX002	5.08	7.62	1000PCS
A2546HI004AAP6XXXXX002	7.62	10.16	1000PCS
A2546HI005AAP6XXXXX002	10.16	12.70	1000PCS
A2546HI006AAP6XXXXX002	12.70	15.24	1000PCS
A2546HI007AAP6XXXXX002	15.24	17.78	1000PCS
A2546HI008AAP6XXXXX002	17.78	20.32	1000PCS
A2546HI009AAP6XXXXX002	20.32	22.86	1000PCS
A2546HI010AAP6XXXXX002	22.86	25.40	1000PCS
A2546HI011AAP6XXXXX002	25.40	27.94	1000PCS
A2546HI012AAP6XXXXX002	27.94	30.48	1000PCS
A2546HI013AAP6XXXXX002	30.48	33.02	1000PCS
A2546HI014AAP6XXXXX002	33.02	35.56	1000PCS
A2546HI015AAP6XXXXX002	35.56	38.10	1000PCS
A2546HI016AAP6XXXXX002	38.10	40.64	1000PCS
A2546HI017AAP6XXXXX002	40.64	43.18	1000PCS
A2546HI018AAP6XXXXX002	43.18	45.72	1000PCS
A2546HI019AAP6XXXXX002	45.72	48.26	1000PCS
A2546HI020AAP6XXXXX002	48.26	50.80	1000PCS
A2546HI021AAP6XXXXX002	50.80	53.24	1000PCS
A2546HI022AAP6XXXXX002	53.24	55.88	1000PCS
A2546HI023AAP6XXXXX002	55.88	58.42	1000PCS
A2546HI024AAP6XXXXX002	58.42	60.96	1000PCS

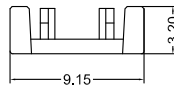
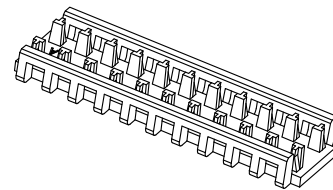
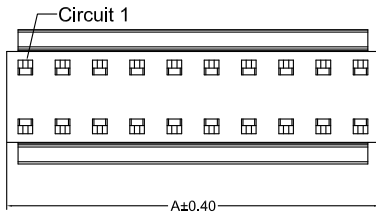


A2546 AMP 2.54 IDC



A2546GAP 0XX AN P6 B 001
 PIN 005=5PINS
 SPECIAL AN=90°
 Material P6=PA66 94V-2
 Code 001
 Color B=Transparent

CSG PART NO.	Dimension mm		Q'ty/BAG
	A		
A2546GAP002ANP6B001	5.08		1000PCS
A2546GAP003ANP6B001	7.62		1000PCS
A2546GAP004ANP6B001	10.16		1000PCS
A2546GAP005ANP6B001	12.70		1000PCS
A2546GAP006ANP6B001	15.24		1000PCS
A2546GAP007ANP6B001	17.78		1000PCS
A2546GAP008ANP6B001	20.32		1000PCS
A2546GAP009ANP6B001	22.86		1000PCS
A2546GAP010ANP6B001	25.40		1000PCS
A2546GAP011ANP6B001	27.94		1000PCS
A2546GAP012ANP6B001	30.48		1000PCS
A2546GAP013ANP6B001	33.02		1000PCS
A2546GAP014ANP6B001	35.56		1000PCS
A2546GAP015ANP6B001	38.10		1000PCS
A2546GAP016ANP6B001	40.64		1000PCS
A2546GAP017ANP6B001	43.18		1000PCS
A2546GAP018ANP6B001	45.72		1000PCS
A2546GAP019ANP6B001	48.26		1000PCS
A2546GAP020ANP6B001	50.80		1000PCS
A2546GAP021ANP6B001	53.24		1000PCS
A2546GAP022ANP6B001	55.88		1000PCS
A2546GAP023ANP6B001	58.42		1000PCS
A2546GAP024ANP6B001	60.96		1000PCS

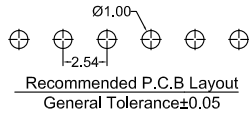
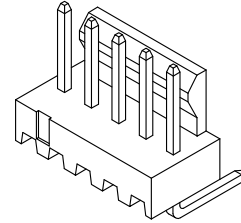
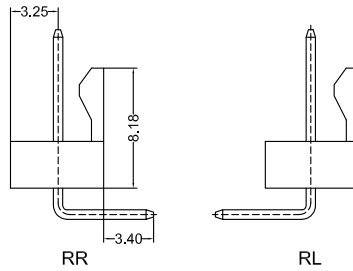
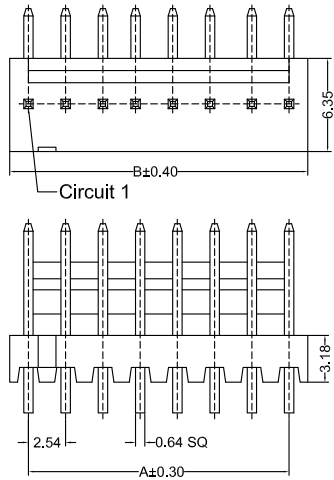


A2546GAP 0XX AM P6 B 001
 PIN 005=5PINS
 SPECIAL AM=180°
 Material P6=PA66 94V-2
 Code 001
 Color B=Transparent

CSG PART NO.	Dimension mm		Q'ty/BAG
	A		
A2546GAP002AMP6B001	5.08		1000PCS
A2546GAP003AMP6B001	7.62		1000PCS
A2546GAP004AMP6B001	10.16		1000PCS
A2546GAP005AMP6B001	12.70		1000PCS
A2546GAP006AMP6B001	15.24		1000PCS
A2546GAP007AMP6B001	17.78		1000PCS
A2546GAP008AMP6B001	20.32		1000PCS
A2546GAP009AMP6B001	22.86		1000PCS
A2546GAP010AMP6B001	25.40		1000PCS
A2546GAP011AMP6B001	27.94		1000PCS
A2546GAP012AMP6B001	30.48		1000PCS
A2546GAP013AMP6B001	33.02		1000PCS
A2546GAP014AMP6B001	35.56		1000PCS
A2546GAP015AMP6B001	38.10		1000PCS
A2546GAP016AMP6B001	40.64		1000PCS
A2546GAP017AMP6B001	43.18		1000PCS
A2546GAP018AMP6B001	45.72		1000PCS
A2546GAP019AMP6B001	48.26		1000PCS
A2546GAP020AMP6B001	50.80		1000PCS
A2546GAP021AMP6B001	53.24		1000PCS
A2546GAP022AMP6B001	55.88		1000PCS
A2546GAP023AMP6B001	58.42		1000PCS
A2546GAP024AMP6B001	60.96		1000PCS



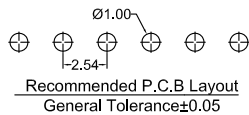
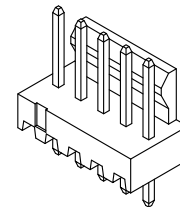
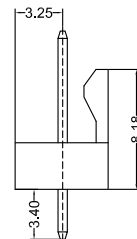
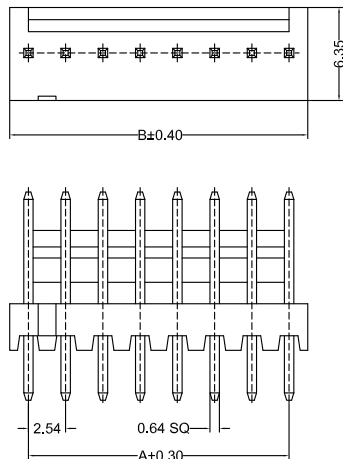
A2546 AMP 2.54 IDC



A2542RD_0XX XX P6 TP C X 188
 PIN
 002=2PINS
 SPECIAL
 RL=Bending Left
 RR=Bending Right
 Material
 P6=PA66 94V-0
 Flnsh
 TP=Terminal Tin-Plated

Code
 188
 Color
 9=White
 0=Black
 Packing
 C=Bag

CSG PART NO.	Dimension mm		Q'ty/BAG
	A	B	
A2542RD002XXP6TPCX188	2.54	5.08	1000PCS
A2542RD003XXP6TPCX188	5.08	7.62	1000PCS
A2542RD004XXP6TPCX188	7.62	10.16	1000PCS
A2542RD005XXP6TPCX188	10.16	12.70	1000PCS
A2542RD006XXP6TPCX188	12.70	15.24	1000PCS
A2542RD007XXP6TPCX188	15.24	17.78	1000PCS
A2542RD008XXP6TPCX188	17.78	20.32	1000PCS
A2542RD009XXP6TPCX188	20.32	22.86	1000PCS
A2542RD010XXP6TPCX188	22.86	25.40	1000PCS
A2542RD011XXP6TPCX188	25.40	27.94	1000PCS
A2542RD012XXP6TPCX188	27.94	30.48	1000PCS
A2542RD013XXP6TPCX188	30.48	33.02	1000PCS
A2542RD014XXP6TPCX188	33.02	35.56	1000PCS
A2542RD015XXP6TPCX188	35.56	38.10	1000PCS
A2542RD016XXP6TPCX188	38.10	40.64	1000PCS
A2542RD017XXP6TPCX188	40.64	43.18	1000PCS
A2542RD018XXP6TPCX188	43.18	45.72	1000PCS
A2542RD019XXP6TPCX188	45.72	48.26	1000PCS
A2542RD020XXP6TPCX188	48.26	50.80	1000PCS



A2542VD_0XX AA P6 TP C X 188
 PIN
 002=2PINS
 SPECIAL
 AA=NO Special
 Material
 P6=PA66 94V-0
 Flnsh
 TP=Terminal Tin-Plated

Code
 188
 Color
 9=White
 0=Black
 Packing
 C=Bag

CSG PART NO.	Dimension mm		Q'ty/BAG
	A	B	
A2542VD002AAP6TPCX188	2.54	5.08	1000PCS
A2542VD003AAP6TPCX188	5.08	7.62	1000PCS
A2542VD004AAP6TPCX188	7.62	10.16	1000PCS
A2542VD005AAP6TPCX188	10.16	12.70	1000PCS
A2542VD006AAP6TPCX188	12.70	15.24	1000PCS
A2542VD007AAP6TPCX188	15.24	17.78	1000PCS
A2542VD008AAP6TPCX188	17.78	20.32	1000PCS
A2542VD009AAP6TPCX188	20.32	22.86	1000PCS
A2542VD010AAP6TPCX188	22.86	25.40	1000PCS
A2542VD011AAP6TPCX188	25.40	27.94	1000PCS
A2542VD012AAP6TPCX188	27.94	30.48	1000PCS
A2542VD013AAP6TPCX188	30.48	33.02	1000PCS
A2542VD014AAP6TPCX188	33.02	35.56	1000PCS
A2542VD015AAP6TPCX188	35.56	38.10	1000PCS
A2542VD016AAP6TPCX188	38.10	40.64	1000PCS
A2542VD017AAP6TPCX188	40.64	43.18	1000PCS
A2542VD018AAP6TPCX188	43.18	45.72	1000PCS
A2542VD019AAP6TPCX188	45.72	48.26	1000PCS
A2542VD020AAP6TPCX188	48.26	50.80	1000PCS

