

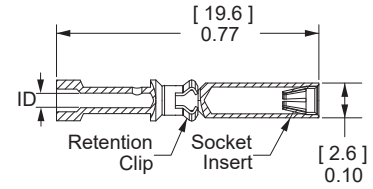
## Socket Contacts 4 Position Auxiliary

Selective gold plated contacts offer low resistance and durability up to 10,000 mating cycles.

Description	AWG	mm <sup>2</sup>	Part Numbers
Minimum Quantity			500
Socket Contacts	16 to 14	1.0 to 1.5	PM16S1416S32
	20 to 16	0.75 to 1.0	PM16S1620S32
	24 to 20	0.50 to 0.75	PM16S2024S32

## Auxiliary Socket Contacts Crimp Barrel ID

AWG	in.	mm.
16 to 14	0.08	2.1
20 to 16	0.07	1.7
24 to 20	0.04	1.1

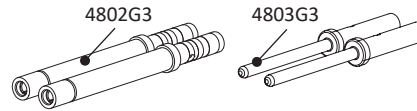


See drawings on website for further details.

## Pin & Socket Contacts PPMX 6 Position Auxiliary Connector

Gold plated contacts are ideal for signal or low power use with durability up to 5,000 mating cycles.

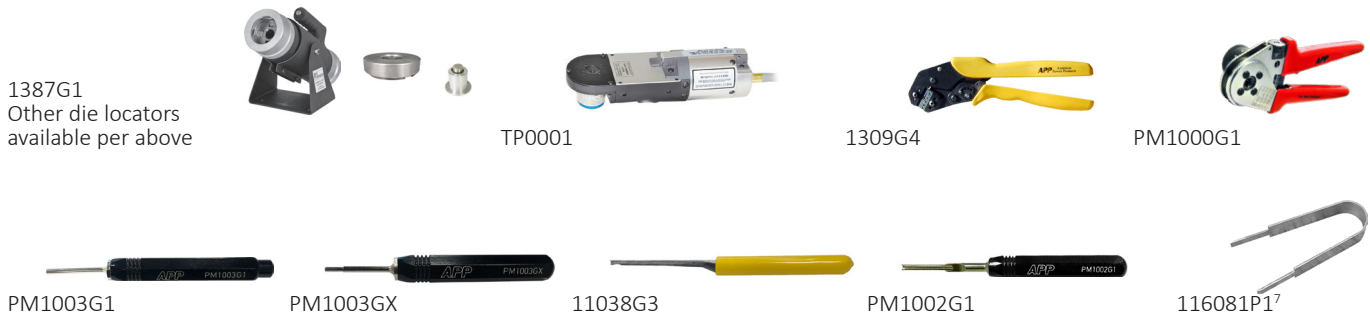
Description	AWG	mm <sup>2</sup>	Part Numbers
Minimum Quantity			2,000 50
Pin Contacts	24 to 20	0.50 to 0.25	4803G3-BK 4803G3
Socket Contacts	24 to 20	0.50 to 0.25	4802G3-BK 4802G3



NOTE: Contacts sold individually, not sold as a set of two.

## SBS® TOOLING INFORMATION <sup>5</sup>

### Tools



Wire Size		Power Contacts								
AWG	mm <sup>2</sup>	Power Contact Part Number	Pneumatic Bench Tool	+	Die	+	Locator	Number of Crimps	OR	Hand Tool
4	25.0	1339G4	1387G1		1388G6		1389G9	Single		N/A
6	16	1339G2	1387G1		1388G6		1389G9	Single		1309G4
8	10	1339G5			1388G7					
12 to 10	2.5 to 6	1339G3								

Wire Size		Ground Contact								
AWG	mm <sup>2</sup>	Contacts	Pneumatic Bench Tool	+	Die	+	Locator	Number of Crimps	OR	Hand Tools
6	16	1340G1	1387G1		1388G6		1389G20	Single		1309G4
8	10	1340G2								
12 to 10	2.5 to 6	1340G3				1388G7				

Wire Size		Auxiliary Contacts - 4 Position									
AWG	mm <sup>2</sup>	Contacts	Pneumatic Bench Tool <sup>6</sup>	+	Die	+	Locator for: TM0001 & TP0001	Mil Std. Hand Tool <sup>6</sup> M22520/1-01	Number of Crimps	OR	APP® Hand Tool w/ Integral Locator
14 to 24	1.5 to 0.50	All Crimp Pins	TP0001		N/A		TL0001	TM0001	Single		PM1000G1
		All Crimp Sockets				TL0002					

Tools	
Auxiliary Contact Insertion Tool: PM1002G1	Wire Sizes 24 to 16 AWG (0.50 to 1.00mm <sup>2</sup> )
Auxiliary Contact Insertion Tool: 11038G3	Wire Size 14 AWG ( 1.5mm <sup>2</sup> )
Auxiliary Contact Extraction Tool: PM1003G1	
Auxiliary Contact Insertion Inspection Tool: PM1003GX	
Signal Housing Extraction Tool: 116081P1 <sup>7</sup>	

Wire Size		PPMX Auxiliary Contacts - 6 Position									
AWG	mm <sup>2</sup>	Contacts	Pneumatic Bench Tool	+	Die	+	Locator	Number of Crimps	OR	Hand Tools	
20 to 24	0.50 to 0.25	4803G3	TP0001*		N/A		TL0005	Single		TM0001* or	
		4802G3		PM1000G1							

\* TP0001 and TM0001 tools require locators to properly position contacts.

NOTES:

6 - The use of Anderson Power tooling is strongly recommended. The use of alternate tools may adversely affect the performance of our connectors along with UL and CSA recognition.

7 - TP0001 and TM0001 tools require locators TL0001 for Pins and TL0002 for Sockets. The Auxiliary contacts used with wire sizes 14 to 24 AWG (1.5 to 0.50) cannot be properly inserted without the insertion tool. Properly installed Auxiliary contacts of all wire gauges cannot be removed from the housing without the extraction tool. It is highly recommended that inspection tool be used to ensure the auxiliary contacts are seated properly in the housing.

8 - The Signal Housing Extraction Tool must be used in order to remove the signal housing from the main housing should position be inserted incorrectly for mating. See assembly instructions for further information.



# 5,000 Mating Cycles