



**AMP\* SELECTION CHART  
FOR A-MP\* TYPE I  
PIN AND SOCKET CONTACTS**

<b>IS 7053</b>	
RELEASED	11-23-62
REVISED	7-2-65

CONNECTOR PRODUCTS DIVISION

1. These Selection Charts will help you select the proper A-MP Type I Contact for the size of Wire and type of Connector you wish to use. They also show the proper A-MP Crimping and Extraction Tools for use with these Contacts.

**2. CONTACT SELECTION**

- (a) First, determine the size of Wire and type of A-MP Connector you wish to use.
- (b) Then, use Figure 1 to select the proper Contact for your application.

**3. TOOLING SELECTION**

- (a) After selecting the proper Contact, refer to Figure 2 to select the proper Crimping Tool. These Contacts may be crimped in A-MP Hand Tools or in A-MP Air Guns No. 69100 and 69365. The Dies for use in these Tools are listed in Figure 2. Also listed in figure 2 are the AMP Instruction Sheets for use with the Tools.
- (b) To crimp Ferrule (see Figure 1), use A-MP Hand Tool No. 46637 or A-MP Air Gun Die No. 46569.
- (c) Figure 2 also lists the A-MP Extraction Tools for use with these Contacts. AMP Instruction Sheet No. 1216 which is packaged with the Tools will explain their use.

CONNECTOR TYPE	CONTACT SIZE & PIN DIA.	WIRE SIZE	INSULATION DIAMETER	CONTACT NUMBER	
				PIN	SOCKET
"A" SERIES (100 POS. SEALED ONLY)	20 - .040	26-20	.045 - .069	43341	43340
				43605	43606
"A" SERIES (ALL OTHERS)	20 - .040	26-20	.045 - .069	43341	43340
				43605	43606
		20-16†	.085 - .105	43442	43334
				44028	44013
CABLE CONN. (5 POS.)	8 - .142	12	—H—	202658	202647
		10	—H—	202657	202659
		8	—H—	202656	202646
CABLE CONN. (21 POS.)	18 - .048	24-20	.044 - .074	200440	200441
		18-16	.062 - .095	200443	200442
CYLINDRICAL CONN.	10 - .125	12-10	—H—	43611	43612
"D" SERIES	20 - .040	26-20	.045 - .069	43341	43340
				43605	43606
"D-D" SERIES	10 - .125	12-10	—H—	43611	43612
				43611	43612
"G" SERIES	#2 - .094	18-16	—H—	202421	202418
		14-12	—H—	202422	202417
PRINTED CIRCUIT	20 - .040	26-20	.045 - .069	43341	43340
				43605	43606
		20-16†	.085 - .105	43442	43334
				44028	44013

† WHEN USING THESE CONTACTS, USE PRE-CRIMP FERRULE EXCEPT WHEN CRIMPING ONE NO. 16 WIRE.

Fig. 1

© 1965, 1966 by AMP Incorporated. All international rights reserved. A-MP products covered by U. S. and foreign patents and/or patents pending.

CONTACT NUMBER		WIRE SIZE	CRIMPING TOOL NUMBER				EXTRACTION TOOL NO.
PIN	SOCKET		HAND TOOL	IS NO.	AIR GUN DIE	IS NO.	
43341	43340	26-24	46791	1519	46700	1624	305183-2
		22-20	46576		46568		
43342	43334	20-16	46560	1525	46561	1626	305183-2
43605	43606	26-24	46791	1519	46700	1624	305183-2
		22-20	46576		46568		
43611	43612	14-10	90151-1	7197	90152-1	7140	305183-6
44028	44013	20-16	46560	1525	46561	1626	305183-2
200440	200441	24-20	45052	1506	45051	1622	305183-3
200443	200442	18-16	45052	1506	45051	1622	305183-3
202421	202418	18-16	90121	7192	90122	7140	305183-8
202422	202417	14-12	90121	7192	90122	7140	305183-8
202656	202646	8 ‡	<del>---</del>	<del>---</del>	45189	7140	305183-7
202657	202659	10	90032	1862	69194	7140	305183-7
202658	202647	12	90032	1862	69194	7140	305183-7

Fig. 2

‡ THESE CONTACTS MAY ALSO BE USED FOR NO. 10 AND 12 WIRE IF BUSHING NO. 202578 IS PLACED IN THE CONTACT WIRE BARREL BEFORE INSERTING THE WIRE. REFER TO THE AMP INSTRUCTION SHEETS PACKAGED WITH THE A-MP CRIMPING DIE FOR INSTRUCTIONS ON USING THE BUSHING.